

# **Liberty County Joint Solid Waste Management Plan 2009 - 2019**

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**Liberty County  
Town of Allenhurst  
City of Flemington  
City of Gumbranch  
City of Hinesville  
City of Midway  
City of Riceboro  
City of Walthourville**

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**Final Draft**

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## Section 1 Introduction

### 1.1 Planning Area Defined

This document is the 2007-2019 Joint Solid Waste Management Plan (SWMP) update for Liberty County, the Town of Allenhurst, and the Cities of Hinesville, Walthourville, Midway, Gum Branch, Flemington and Riceboro. It exceeds the ten-year planning period associated with a normal update in order to bring all of the local governments up to standard with the requirements set forth by the Georgia Department of Community Affairs. The Appendix contains transmittal resolutions and any other correspondence submitted by the County and each of the municipalities.

This Plan Update is written to comply with Chapter 110-4-3 of the Rules of the Georgia Department of Community Affairs, Minimum Planning Standards and Procedures for Solid Waste Management, as revised in 2004. It addresses the five core planning elements specified by the Minimum Planning Standards and Procedures – Waste Reduction, Collection, Disposal, Land Limitation, and Education and Public Involvement.

### 1.2 Person(s) Responsible for the Plan

The persons responsible for the Liberty County Joint Solid Waste Management Plan are:

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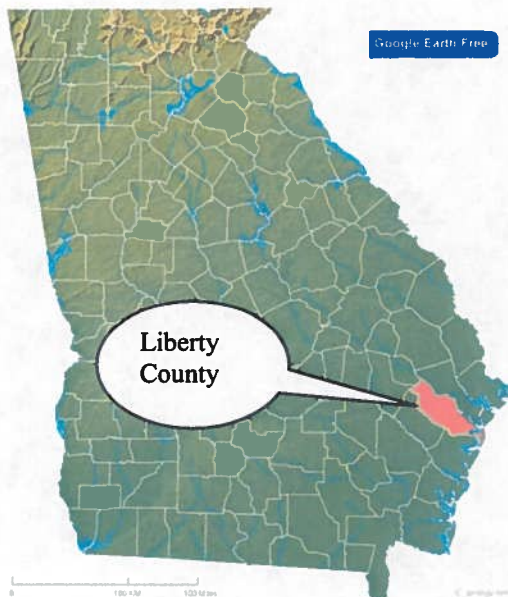
Any general questions regarding the Liberty County Joint Solid Waste Management Plan, or questions specific to recycling throughout the County, or collection and disposal in unincorporated Liberty County, Allenhurst, Walthourville, Gum Branch and Flemington, should be directed to Chairman McIver. The contact persons for questions specific to Hinesville, Midway or Riceboro collection and disposal are City Manager Edwards, Mayor Emmons, or Mayor Austin, respectively.

### 1.3 Overview of the Planning Area

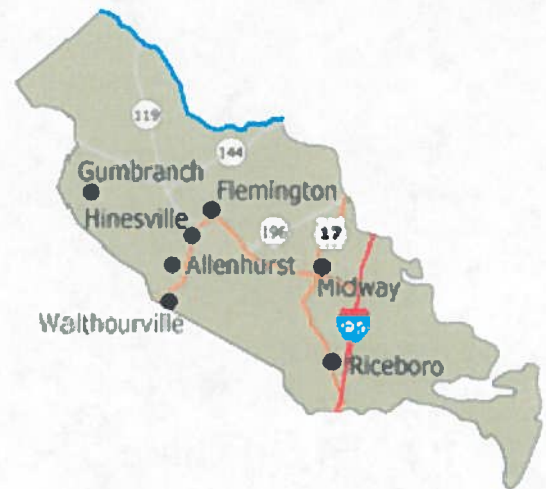
Liberty County is located in the southeast portion of Georgia, within the Coastal Plain physiographic region, bordered to the southeast by the Atlantic Ocean. Clockwise from the border with the Atlantic, McIntosh County borders to the southwest, Long County to the west, Tattnall County to the northwest, Evans County to the north, and Bryan County to the northeast. The

major municipalities within Liberty County are the Town of Allenhurst, and the Cities of Hinesville, Walthourville, Midway, Gum Branch, Flemington and Riceboro. The total land area of Liberty County, according to the U.S. Census Bureau, is 519.05 square miles.

The U.S. Army installation Fort Stewart is located in the northwest part of the county and occupies nearly half of the useable land area within Liberty County. Fort Stewart independently manages solid waste generated within the installation, and is therefore not considered part of the planning area for Liberty County's management of solid waste. Therefore, the extent of the planning area within the scope of this plan, in terms of land area, is approximately 258 square miles. The locations of Liberty County and the incorporated municipalities within are provided by the maps below.



Location of Liberty County within Georgia



Location of Municipalities in Liberty County

The flat coastal plain, characteristic of most of Liberty and adjacent counties, gives way to a ridge to the northwest where Fort Stewart is located, as illustrated by the below topographic map. The Planning Area to the west of Hinesville and including Gum Branch, as well as much of Fort Stewart, is elevated in some locations to nearly thirty feet above sea level.

Unique features in Liberty County include the 100-year floodplain, a dominant characteristic occupying much of the very flat southeast part of the County and some area to the northeast within the boundaries of Fort Stewart. Wetlands are also a dominant characteristic, spread throughout Liberty County. Both floodplain and wetland are widely known to impose development constraints. The development of land for landfills or other waste handling facilities are among those land uses affected by environmental development constraints.

In contrast to floodplain and wetland dominance, a major river corridor does not exist in Liberty County. Groundwater recharge areas are also very limited, isolated to the south of Hinesville and sparsely along the coast and near the Bryan County border. The County requires review and approval by the U.S. Army Corps of Engineers for any significant wetland or land disturbance, including that associated with any solid waste handling facilities, largely based on the dominance of wetlands and floodplain.





This map of McIntosh County, Georgia, displays topographic and administrative data. The county is bordered by Bryan, Chatham, and Long counties. Key locations include Fort Stewart, Hemington, Midway, Riceboro, and the coastal region. The map uses a color-coded elevation system, with red indicating the highest elevations (20.1-22.5 feet) and white indicating the lowest (40.1-45 feet). Major transportation routes, including railroads and state highways, are shown. The legend in the bottom left corner provides a key for all symbols and elevation ranges.

Legend	
—+— Railroads	Elevation (feet above sea level)
— State Highways	0 - 2.5
— Rivers	2.6 - 5
— Ocean	5.1 - 7.5
▨ Ft. Stewart	7.6 - 10
▨ Cities	10.1 - 12.5
▨ County Boundary	12.6 - 15
▨ Coastal Region	15.1 - 17.5
▨	17.6 - 20
	20.1 - 22.5
	22.6 - 25
	25.1 - 27.5
	27.6 - 30
	30.1 - 32.5
	32.6 - 35
	35.1 - 37.5
	37.6 - 40
	40.1 - 45

### DISCLAIMER



Geography: Information Systems / Advanced Technology Department  
 Date: 10/1/2008

# Liberty County Topography Map

## 1.4 Population

The table below provides population projections calculated for each of the incorporated municipalities in Liberty County and unincorporated Liberty County for the planning period. The projections are based on the 2000 Census, and extrapolated from the 2006 Center for Quality Growth and Regional Development (Georgia Tech) and Earlier Georgia OPD Projections.

Jurisdictional data (municipal population projections) was first calculated from US Census data for 2000 and 2005 as a percentage of totals based on percentiles shown in the 2009 Liberty County Joint Comprehensive Plan population spread. The 2009 Comprehensive Plan projections were then used to calculate the percentages for forecasting annual population increases for the jurisdictional entities, resulting in the projections provided in the table below.

To further explain the basis for these projections, the 2010 and 2015 total population figures were 2005 estimates determined by the State of Georgia Office of Planning and Budget. The totals for 2011 through 2014 and 2016 through 2019 are based on five-year percent distributions, and the jurisdictional projections derived from the 2009 percentiles are applied to the respective annual totals for specific years. The population for 2020 and 2030 (not shown but used to project interim years of 2016 to 2019) were projections (and a cohort model) developed by Georgia Tech for the Center for Quality Growth and Regional Development published in September 2006 by the Coastal Georgia Regional Development Center, Brunswick, Georgia.

**Table 1-1**  
**Population Projections for Liberty County, Georgia**

<b>Jurisdiction</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
Allenhurst	868	881	896	909	919	928	938	948	957	965	973	980	988
Flemington	340	344	348	353	357	361	364	368	372	375	378	381	384
Gum Branch	275	279	282	286	289	292	295	298	302	304	306	309	311
Hinesville	38,969	39,552	40,138	40,720	41,155	41,590	42,025	42,460	42,896	43,236	43,575	43,915	44,255
Midway	1,388	1,410	1,431	1,452	1,468	1,483	1,499	1,514	1,530	1,542	1,554	1,566	1,578
Riceboro	970	984	999	1,013	1,024	1,035	1,046	1,157	1,067	1,076	1,084	1,093	1,101
Walthourville	5,436	5,517	5,599	5,680	5,740	5,801	5,862	5,922	5,983	6,031	6,078	6,125	6,173
Uninc. County	24,160	24,523	24,882	25,243	25,512	25,782	26,052	26,322	26,591	26,802	27,013	27,224	27,434
<b>Total</b>	<b>72,406</b>	<b>73,490</b>	<b>74,575</b>	<b>75,656</b>	<b>76,464</b>	<b>77,273</b>	<b>78,081</b>	<b>78,890</b>	<b>79,698</b>	<b>80,330</b>	<b>80,961</b>	<b>81,593</b>	<b>82,224</b>

Any future major increase in population directly influenced by Fort Stewart is not considered in these projections. According to the Draft Program Narrative and Scope of Work, produced by Fort Stewart Growth Management Partnership in October of 2008, the four county region surrounding and including Fort Stewart, including Liberty County, is expected to face significant impacts as a result of the projected growth of Fort Stewart. The arrival of a new brigade will increase the military and dependent population within the installation and the four-county region, over the two to three year period between 2009 and 2012, by more than 10,000 people. The increase in population of defense contractors and civilian employees is anticipated to be significant also. These increases in population will be distributed throughout the four county region surrounding and including Fort Stewart and any proportion to directly affect the Liberty County planning area is unknown.



Seasonal fluctuation of population within the planning area is generally limited to college students. More than 1,900 students attend the Liberty Campus of Savannah Technical College, located in Hinesville. In addition, a branch campus of Brewton-Parker College is located in Hinesville, but does not contribute a significant seasonal student population. A minor additional decrease in population during the summer is reasonably presumed as a result of families vacationing out of the area.

## 1.5 Number of Households

Table 1-2 shows the number of households in 2000 for all jurisdictions in the planning area (from U.S. Census), and households in 2010 as taken from Liberty County's Solid Waste Assessment Billings for 2008. The single-family proportion of households in 2000 is also provided, independent of both multi-family and mobile home residences. The 2008 assessment billing data specific to unincorporated Liberty County excludes housing outside of the planning area within Fort Stewart. This would explain the apparent three-fold decrease of housing in the unincorporated area.

**Table 1-2**  
**Number of Households / Year 2000 Single-Family Percentage**

<b>Jurisdiction</b>	<b>2000/% Single-Family</b>	<b>2010</b>
Allenhurst	281/62.0%	379
Flemington	148/57.0%	280
Gum Branch	100/36.4%	115
Hinesville	10,528/65.5%	10,195
Midway	331/47.2%	645
Riceboro	256/57.5%	252
Walthourville	1,361/45.1%	1,390
Unincorporated Liberty County	19,383/54.9%	6,867
<b>TOTAL PLANNING AREA</b>	<b>32,388/53.2%</b>	<b>20,123</b>

Source: 2008 Liberty County Tax Assessor Office; Liberty County Solid Waste Authority Solid Waste Assessment Billing Files; GeorgiaPlanning.com; U.S. Census Bureau

## 1.6 Economic Activity

Table 1-3 lists the number of businesses in the planning area that have been assigned a Standard Industrial Classification (SIC) Code. Liberty County has a total of 25 businesses with SIC Codes.

**Table 1-3  
Businesses by SIC Code**

<b>SIC Code</b>	<b>Jurisdiction</b>	<b>Number of Businesses (2008)</b>
2097	Hinesville	1
2353	Hinesville	1
2396	Hinesville	1
2399	Hinesville	1
2411	Hinesville	1
2631	Riceboro	1
2679	Midway	1
2711	Hinesville	1
2759	Hinesville	1
2759	Allenhurst	1
2821	Riceboro	1
2869	Midway	1
2899	Midway	1
3089	Walthourville	1
3231	Midway	1
3273	Hinesville	1
3273	Allenhurst	1
3471	Hinesville	1
3479	Midway	1
3523	Riceboro	1
3599	Midway	1
3731	Midway	1
3949	Midway	2
3993	Hinesville	1
<b>Total for Planning Area</b>		<b>25</b>

Source: GeorgiaFacts.net

Table 1-4 provides the employment by sector for the planning area. The Service-Providing Industry Sector employs the greatest number of people, an estimated total of 8,597. The second largest civilian employment source is the Government Sector, at 6,576.

**Table 1-4  
Employment by Sector in Liberty County**

<b>Industry Sector</b>	<b>Number of Employees (2008)</b>
<b>Goods-Producing</b>	
Agriculture/Forestry/Fisheries	26
Construction	555
Manufacturing	1,173
<b>Service-Providing</b>	
Utilities	178
Wholesale Trade	58
Retail Trade	1,841
Transportation and Warehousing	800
Information	236
Finance and Insurance	401
Health Care and Social Assistance	795
Real Estate and Rental and Leasing	212
Professional, Scientific, and Technical Services	884
Waste Management and Remediation Services	848
Education Services	171
Accommodation and Food Services	1,539
Other Services (except Public Administration)	634
<b>Government</b>	
Federal	3,462
State	225
Local	2,889

Source: Georgia Department of Labor, Area Labor Profiles<sup>1</sup>

<sup>1</sup> <http://explorer.dol.state.ga.us/mis/profiles.htm>

## Section 2 Waste Disposal Stream Analysis

### 2.1 Inventory of Waste Disposed

Municipal solid waste collected within the Liberty County planning area, generally, is brought to the Liberty County Transfer Station, which is operated by the Liberty County Solid Waste Authority. The transfer station, which opened on July 5, 1998, under Georgia EPD permit number PBR-089-LTS, is located at 625 Rogers Pasture Road, Fleming, Georgia. An exception would be the residential waste collected within the Cities of Midway and Riceboro from those who subscribe to curbside polycart collection service provided through the respective local government, which is then hauled to an out-of-county transfer station by a private contractor.

Table 2-1 describes the waste processed at the County's transfer station during the operating year of July 2007 to June 2008, and also the amount of waste disposed at the landfill facility during the same period. Almost 100 tons were diverted from the landfill due to sorting efforts at the transfer station that included 43 tons of tires and 53.54 tons of scrap metal. This table does not include the full residential tonnages for Midway and Riceboro. However, these are incorporated into the waste disposal projections featured in subsequent sections.

**Table 2-1**  
**Waste Processed at Liberty County Transfer Station by Sector in Tons**  
**July 2007 – June 2008**

<b>Residential</b>	<b>Commercial</b>	<b>Industrial</b>	<b>C&amp;D</b>	<b>Yard Trimmings</b>	<b>Other</b>	<b>Transfer Station Totals</b>	<b>Landfill Totals</b>
29,075	10,837	Note 1	Note 1	Note 2	1,397	41,309	41,212

Source: Liberty County Solid Waste Authority, 2008 Annual Waste Disposal Summary

**Note 1.** Included in Commercial waste tonnage

**Note 2.** "Cull" Yard Waste tonnage included in Residential tonnage. Hinesville generates the majority (an estimated 95 percent) of yard waste in the planning area, but also operates an active yard waste processing facility located at J.V. Road. Based on historic data maintained by the Liberty County Solid Waste Authority, it is estimated that Hinesville generates/processes approximately 3,300 tons of yard waste per year, although yard waste is no longer being weighed. Furthermore, it should be explained that residents in the more rural areas of Liberty County can burn yard waste; however, those in Hinesville cannot due to local ordinances.

#### 2.1.1 Waste Characterization

Table 2-2 describes the average waste composition estimates by type of material disposed for the Liberty County planning area. This information in the table can be used to illustrate specific opportunities to target recycling programs for solid waste disposal reductions. For instance, organics, at over 35 percent, represent the highest percentage of the planning area's waste stream. Some of these could be further diverted through local composting initiatives. Yard waste collected within the planning area is transported to the processing/mulching facility.

**Table 2-2**  
**Waste Composition Characterization of Material Disposed**

<b>Material Group</b>	<b>Material Categories</b>	<b>Average % of Waste Disposed</b>
<b>Paper</b>	Newspaper	5.02
	Corrugated Cardboard	9.27
	Office	2.71
	Magazine/Glossy	2.30
	Paperboard	2.11
	Mixed (recyclable)	2.33
	Other (non-recyclable)	8.70
<b>Total Paper</b>		<b>32.45</b>
<b>Plastic</b>	#1 PET Bottles	1.58
	#2 HDPE Bottles	0.69
	#3-#7 Bottles	0.31
	Expanded Polystyrene	1.68
	Film Plastic	6.59
	Other Rigid Plastic	4.75
<b>Total Plastic</b>		<b>15.60</b>
<b>Glass</b>	Clear	0.83
	Green	0.01
	Amber	0.65
	Other	0.41
<b>Total Glass</b>		<b>1.90</b>
<b>Metal</b>	Steel Cans	1.11
	Aluminum Cans	0.58
	Other Ferrous	1.13
	Other Non-Ferrous	0.52
<b>Total Metal</b>		<b>3.33</b>
<b>Organics</b>	Yard Waste	6.34
	Wood (non- C&D)	5.55
	Food Waste	7.71
	Textiles	8.09
	Diapers	5.04
	Fines	1.43
	Other Organics	1.05
<b>Total Organics</b>		<b>35.20</b>
<b>Construction and Demolition</b>	Drywall	0.11
	Wood	2.36
	Inert Materials	0.16



Material Group	Material Categories	Average % of Waste Disposed
	Carpet	5.42
	Other C&D	0.00
<b>Total C&amp;D</b>		<b>8.06</b>
<b>Inorganics</b>	Televisions	0.52
	Computers	1.16
	Other Electronics	1.32
	Tires	0.00
	HHW	0.00
	Other Inorganic Materials	0.45
<b>Total Inorganics</b>		<b>3.45</b>

Source: [www.gasolidwaste.org](http://www.gasolidwaste.org); Results for Liberty County created by R.W. Beck, Inc.

## 2.1.2 Unique Conditions and/or Seasonal Variations

The waste stream may be influenced by deployments associated with military operations at Fort Stewart Army Installation, especially accounting for the troops and their families that live within the geographic boundaries of Liberty County outside the confines of the Installation. In addition, any influx of new troops, their families, and related support infrastructure has the potential to account for fluctuations of the entire planning area's population and waste disposal quantities.

## 2.1.3 Waste Generating Disasters

A major disaster has the potential to result in a significant increase in the amount of annual waste disposed. However, it is difficult to project the additional amount of waste that would be generated should such a disaster occur. The types of disasters most likely to occur within the Liberty County planning area are hurricanes, tornados, and major rain events. The procedures for collection and disposal of waste resulting from these types of disasters are addressed in the Collection Element and Disposal Element, respectively.

## 2.2 Projections of Waste to be Disposed

Based on current data of the Liberty County Solid Waste Authority, the combined disposal rate for the entire planning area has been calculated at approximately 0.86 tons per capita per year, equivalent to approximately 4.7 pounds per capita per day. The total population figures from Section 1 were applied to this rate to derive the waste disposal projections for the entire planning area as seen in Table 2-3. With the disposal rate applied as a constant, these projections assume no waste reduction beyond what is currently practiced. According to Table 2-3, it is estimated that in 2019, the entire Liberty County planning area will generate close to 71,000 tons of waste that will have to be disposed in a landfill. The 2019 projected tonnage will be used to obtain an assurance of disposal capacity from the landfill that would effectively meet the planning area's needs throughout the planning period. The amounts for 2007 and 2008 reflect the amount of waste that was processed through the Liberty County Transfer Station and do not include the waste tonnages for the Cities of Midway and Riceboro. Furthermore, these are considered "historical" in nature and are not used for projection purposes.

**Table 2-3**  
**Planning Area Waste Disposal Projections**

<b>Year</b>	<b>Projected Tonnage</b>
2007	40,758.90
2008	41,309.08
2009	63,966.71
2010	64,893.93
2011	65,587.00
2012	66,280.92
2013	66,973.98
2014	67,667.90
2015	68,360.96
2016	68,903.06
2017	69,444.30
2018	69,986.40
2019	70,527.64
<b>TOTAL TONNAGE (2009-2019)<sup>2</sup></b>	<b>742,592.80</b>

## 2.3 Per Capita MSW Disposal Reduction Goal

A ten percent waste disposal reduction goal has been established for the Liberty County planning area, which is roughly equivalent to a one percent per year reduction rate. The focus of reduction efforts during the planning period will be recycling. Table 2-4 displays the landfill disposal projections based on per capita disposal reductions during 2009-2019.<sup>3</sup> The population projections from Section 1 were used to generate these numbers. If the reduction goal is achieved, nearly 38,000 (37,843.45) tons will be diverted from landfill disposal by the end of the planning period.

<sup>2</sup> During development of the plan, it was brought to the preparer's attention that the original due date for this plan was 2007. Since the development of this SWMP occurred during FY2009, the tonnages for the years 2007 and 2008 were not included as totals, nor were they featured as projections.

<sup>3</sup> The tonnages for 2007 and 2008 are considered historical and were not used in developing the waste disposal reduction projections in Table 2-4.

**Table 2-4**  
**Planning Area Waste Disposal Projections**  
**with Per Capita Reductions**

<b>Year</b>	<b>Disposal Rate</b>	<b>Projected Tonnage</b>
2009	4.70	63,966.71
2010	4.653	64,244.99
2011	4.606	64,275.26
2012	4.559	64,292.49
2013	4.512	64,295.02
2014	4.465	64,284.50
2015	4.418	64,259.30
2016	4.371	64,079.84
2017	4.324	63,888.75
2018	4.277	63,687.62
2019	4.23	63,474.87
<b>TOTAL TONNAGE</b>		<b>704,749.35</b>

## Section 3 Waste Reduction Element

### 3.1 Inventory of Waste Reduction Programs

In this Section, current waste reduction programs are inventoried and assessed to determine effectiveness in helping the jurisdictions within the planning area to meet the State's waste reduction goal, as well as ability to mitigate environmental risk. Efforts and programs discussed include unincorporated Liberty County, the Town of Allenhurst, and the Cities of Hinesville, Walthourville, Midway, Gum Branch, Flemington and Riceboro.

#### 3.1.1 Source Reduction

Source reduction<sup>4</sup> is any action taken to prevent the generation of waste. Actions to reduce sources precede the more costly elements of solid waste management, including recycling, collection and disposal. The average residential consumer has little control over product design and packaging, to reduce materials at the source, except to influence manufacturing through purchase preference. However, the public can choose to select longer lasting and reusable products in lieu of products and materials made for quick disposal. Source reduction also includes encouragement of less production and purchase of materials containing toxic substances. Consumer choice is integral to solid waste source reduction. Programs designed to influence consumer choice through public awareness, by providing information to current and future consumers on the ways to help reduce sources of solid waste, will greatly advance the primary goal of source reduction.

Governments, institutions and commercial establishments also should be responsible for reducing sources of solid waste through purchasing and operating procedures. For example, governments can choose procurement procedures to require purchase of available durable, reusable, recycled and recyclable products. Various office practices, such as double sided printing and copying, will limit the amount of paper consumed and disposed. It is important that any government source reduction efforts be strongly publicized, thus contributing to public awareness of the need for source reduction. Private businesses can reduce waste sources, as a function of increasing profit and promotion, by taking similar steps as those recommended for government and institution organizations.

On-site yard waste composting is one more means of source reduction, as an alternative to landfilling residential yard waste. Backyard composting is a form of source reduction, in contrast to the recycling of yard waste at facility-based operations. This form of waste management has become regarded as a common, practical, cost-effective and least complicated alternative for source reduction. Eliminated are the costs of collection, transport, tipping fees, and processing. Gained by the homeowner is the high value of compost for enrichment of garden soil.

Source reduction in Liberty County is actively promoted by Keep Liberty Beautiful (KLB), founded in 1983, a certified affiliate of Keep America Beautiful and Keep Georgia Beautiful. The

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<sup>4</sup> Source reduction is any action taken to prevent the generation of waste in the first place. It can include reducing the amount of solid wastes generated at the source; redesigning of products or packaging so that less material is used, resulting in fewer discarded materials; voluntary or imposed behavioral changes in the use of materials which results in the selection of products and materials which last longer, or reduce the amount of materials discarded; or increasing the durability and reusability of materials to result in longer lasting products.

focus of KLB is primarily education and public awareness. The schools of Liberty County actively participate in source reduction and recycling, as well as related educational efforts in cooperation with KLB. KLB has annually given up to approximately sixty presentations on source reduction and recycling in the community, including those at the local public schools.

### **3.1.2 Recycling**

The planning area of Liberty County and its incorporated municipalities is serviced by many recycling programs, ranging from the County's full time program, to those that are periodic, quarterly or annual. Liberty County receives recyclables daily through twelve drop-off centers, or "Recycling Barns". The Recycling Barns provide public convenience for drop-off and separation of glass in three colors, #1 and #2 plastic, newspaper, including glossy inserts (slicks), magazines, and aluminum/bi-metal cans (separated). Liberty County is also in the business of collecting recyclables from 40 commercial customers, through the use of dumpsters, or green boxes. Some recyclables, as shown below in Table 3-1, are collected at the Liberty County Solid Waste Transfer Station. The Liberty County Solid Waste Department transports the majority of all recyclables to a recycling and processing center on Fort Stewart, where the recyclables are sorted and packed for various end users to process and manufacture into new products. Scrap metal, lead acid automotive batteries and used tires are pulled from the waste stream at the transfer station for processing by other vendors who collect the materials from the Authority.

County residents and businesses are also provided the opportunity to bring a variety of recyclable materials requiring special handling, such as used motor oil, antifreeze, used electronics, fluorescent bulbs, rechargeable batteries and automotive batteries, to the Quarterly 'Recycle It! Fairs'. These events are organized cooperatively by the Solid Waste Department and KLB.

Recycling programs in the Planning Area are listed and described below in Table 3-1, identifying several programs provided by Liberty County and KLB, additional to the twelve Recycling Barns. One example is Away From Home Recycling, providing recycling convenience at public festivals and fairs, consisting of a trailer used to advertise (on three sides) and collect plastic and aluminum containers within 100 metal frames.

SNF-Chemtall, Inc. and Interstate Paper LLC stand out as the leading business recyclers in Liberty County, as specified by the lists of materials and amounts recycled.

Table 3-2 lists the businesses that accept recyclables from the planning area. It is notable that Interstate Paper LLC accepts for on-site recycling large quantities of corrugated cardboard, processed (ground) tires, bark from trees used for lumber and paper, pecan shells and sawdust.



**Table 3-1  
Recycling Programs in Planning Area  
2008**

<b>Type of Program</b>	<b>Jurisdictions*</b>	<b>Population Served</b>	<b>Operated by:</b>	<b>Materials Recycled</b>	<b>Tons Diverted* (2008)</b>
Public Convenience Centers or 'Recycling Barns' (12)	Liberty County and incorporated municipalities within	Accessible to: households	Liberty County	Newspaper incl. glossy inserts (slicks)	293.84
				Magazines	19.27
				Aluminum cans	3.43
				Tin and steel cans	6.36
				PET #1, #2 Plastic Bottles	3.57
				HDPE Milk and Soda Containers	4.47
				Glass bottles (clear and colored)	47.89
				Cardboard	49.95
				Shredded paper	
Commercial Collection Service	Liberty County and incorporated municipalities within	Businesses	Liberty County	Scrap Metal	58.54
				Office paper	6.90
				Magazines	2.40
County Transfer Station	Liberty County and incorporated municipalities within	Households, businesses	Liberty County	Cardboard	176.66
				Car batteries	
				Tires	43.22
				Scrap metal	58.54 (from above under convenience centers)

Type of Program	Jurisdictions*	Population Served	Operated by:	Materials Recycled	Tons Diverted* (2008)
Collection by Keep Liberty Beautiful (KLB)	Liberty County and incorporated municipalities within	Households, businesses	KLB	Phone books Hard-back books Ink cartridges Cell phones	0.5
Quarterly 'Recycle It! Fairs'	Liberty County and incorporated municipalities within	Households, businesses	Liberty County and KLB	Electronics, cell phones, rechargeable batteries, fluorescent bulbs, old TVs Ink cartridges Paint Used motor oil Antifreeze Tires (when state-funded) Car batteries	
Periodic used tire collection events	Liberty County and incorporated municipalities within	Households	Liberty County and Keep Liberty Beautiful	Tires	
'Return the Warmth Program' plastic collection for production of fleece garments for	Liberty County and incorporated municipalities within	Households, businesses	Liberty County, Keep Liberty Beautiful, Schools, United Way	PET #1, #2 Plastic Bottles (Aluminum cans will be added in 2009)	6.4

Type of Program	Jurisdictions*	Population Served	Operated by:	Materials Recycled	Tons Diverted* (2008)
children					
'Away from Home Recycling' collection at festivals and fairs	Liberty County and incorporated municipalities within	Residents and visitors	Liberty County, Keep Liberty Beautiful	Aluminum cans	
				PET #1, #2 Plastic Bottles	0.22 at 6/17/08 airshow
Curb-side Service	City of Hinesville	Households, businesses	City of Hinesville	Office paper	
Donation Centers	Liberty County and incorporated municipalities within	households	Goodwill	Dry goods (sofas, refrigerators, etc.)	
				Clothing items	
				Electronics	
'Atlanta Recycling Solutions' annual collection event	Liberty County and incorporated municipalities within	Households, businesses	Atlantic Recycling Solutions, Keep Liberty Beautiful	Fluorescent light bulbs	
				Books	
				Phone books	
Business Recycling Programs	Liberty County and incorporated municipalities within	NA	SNF – Chemtall, Inc.	Cardboard	46.8 tons
				Steel	597.5 tons
				Plastic	229.9 tons
				Wood Pallets	1,430.0 tons
				Steel	600.0 tons
			Interstate Paper LLC	Steel (tire derived)	220 tons
				Turpentine (classified as hazardous)	1,277.5 tons

Type of Program	Jurisdictions*	Population Served	Operated by:	Materials Recycled	Tons Diverted* (2008)
				Tall Oil Soap	18,250 tons
				Ash	21,170 tons
				Bark (includes pecan shells & sawdust)	100,375 tns
				OCC (old corrugated containers)	105,850 tns
				TDF (tire derived fuel)	2,190 tons
			Kroger	Cardboard	260 tons
				Plastic wrap & bags (2 to 3 lg. bags/lb.)	208 loads
				Newspaper	
			International Greetings USA	Cardboard	289 tons
			VIP Office Supply	Cardboard	15 tons
			Dollar General	Cardboard	
			Hugo Boss	Cardboard	
				Wood pallets	
				Soda cans	
				Office paper	

Sources: Liberty County Solid Waste Department, Keep Liberty Beautiful, listed businesses

\* Liberty County, the Town of Allenhurst, and the Cities of Hinesville, Walthourville, Midway, Gum Branch, Flemington and Riceboro; See Table 3.5 for more on materials requiring special handling: quantities based on level and content of industry response and stated in units as available

**Table 3-2  
Businesses that Accept Recyclables from the Planning Area**

<b>Name</b>	<b>Location</b>	<b>Geographic Area</b>	<b>Sector</b>	<b>Materials Accepted</b>
Interstate Paper LLC	Riceboro, GA	Planning Area	Commercial	Wood materials w/ nails and/or paint, OCC (old corrugated containers a.k.a. cardboard), Bark (includes pecan shells & sawdust), Tire material
Mohawk Industries	NE Georgia	Planning Area	Residential, Commercial	Plastics
Atlanta Recycling Solutions & KLB	Atlanta, GA	Planning Area	Residential, Commercial	Electronics accepted annually
Goodwill	Hinesville, GA	Planning Area	Residential, Commercial	Electronics
Salter's Dirt Farm		Planning Area	Residential, Commercial	Clean concrete
Harter Recycling Center, Inc.	Jessup, GA	Planning Area	Residential, Commercial	Cardboard, aluminum and copper
Coastal Auto Parts	Long County	Planning Area	Residential, Commercial	Scrap metal, White goods
Recovered Materials (RC)	Alma, GA	Planning Area	Residential, Commercial	Tires
Lee Tire	Jacksonville, FLA	Planning Area	Residential, Commercial	Tires
Target	Hinesville, GA	Planning Area	Residential, Commercial	Lead Batteries, plastic grocery bags
Gann	Pembroke, GA	Planning Area	Residential, Commercial	White Goods, Scrap metal
Habitat for Humanity	Statesboro, GA	Planning Area	Residential, Commercial	Paint
Auto Sure	Hinesville, GA	Planning Area	Residential, Commercial	Used motor oil, antifreeze
NAPA	Midway, GA	Planning Area	Residential, Commercial	Used motor oil and antifreeze
Car Quest	Hinesville, GA	Planning Area	Residential, Commercial	Used motor oil and antifreeze
Walmart	Hinesville, GA	Planning Area	Residential, Commercial	Used motor oil and antifreeze, plastic grocery bags, electronics/rechargeable batteries
Kroger	Hinesville, GA	Planning Area	Residential, Commercial	Plastic grocery bags
Lowes	Hinesville, GA	Planning	Residential,	electronics/rechargeable



		Area	Commercial	batteries
Jefferson Smurfit	Augusta, GA	Planning Area	Residential, Commercial	Cardboard, office paper, newspaper
Sunoco	Augusta, GA	Planning Area	Residential, Commercial	Newspaper and magazines
TRC	Jackson, GA	Planning Area	Residential, Commercial	Tires
Interstate Battery	Rincon, GA	Planning Area	Residential, Commercial	Batteries
Williams Brothers Trucking	Savannah, GA	Planning Area	Residential, Commercial	Yard waste
Staples	Savannah, GA	Planning Area	Residential, Commercial	Electronics hardware
Creative Recycling	Atlanta, GA; FLA; NC	Planning Area	Residential, Commercial	Electronics hardware
Griffin Industries	Butler, Kentucky	Planning Area	Commercial	Restaurant Grease
Nate Jones	Liberty County	Planning Area	Residential	Mobile Home Scrap Metal resulting from County Abatement Process
Hammer Time	Liberty County	Planning Area	Residential	Mobile Home Scrap Metal resulting from County Abatement Process

Source: Liberty County Solid Waste Department, Keep Liberty Beautiful

### 3.1.2.1 Recycling Facilities

Liberty County operates a transfer station where tires, automotive lead acid batteries and scrap metal are pulled from the waste, stockpiled and later collected by private vendors. Lead acid batteries are sorted from the waste, but the Solid Waste Department and KLB encourage residents to turn in their old car batteries to the retail establishments where their new batteries are purchased. Liberty County also receives recyclables at twelve drop-off convenience centers, or "Recycling Barns". Seven of these facilities are collocated at rural convenience centers. The remaining facilities are strategically located in Hinesville, Walthourville and Riceboro for use by residents of the surrounding community. The Recycling Barns provide public convenience for drop-off and separation of recyclables, including three colors of glass (clear, brown and green), #1 and #2 plastic, HDPE Milk and Soda Containers, newspaper including glossy inserts (slicks), magazines, cardboard, aluminum cans and bi-metal cans. Eight cubic yard cardboard recyclers are provided at all of the convenience centers and most of the community recyclers. The Liberty County Solid Waste Department transports all recyclables from these recyclers to Fort Stewart, where the recyclables are sorted, packed, and sold to the regional market for reprocessing. See Table 3-3.

**Table 3-3  
Recycling Facilities**

<b>Facility Name</b>	<b>Facility Type</b>	<b>Owner/ Operator</b>	<b>Jurisdictions Served</b>	<b>Sectors Served</b>	<b>Materials Accepted</b>	<b>Tons Processed (2008)</b>	<b>Average Tons Per Day Processed<sup>1</sup></b>
County Solid Waste Transfer Station	Recycling/ Disposal Transfer	Liberty County	Planning Area	Residential, Commercial	Tires (no special events in 2008)  Scrap metal  Lead batteries	43.22  58.54	0.166  0.225
Convenience Centers (12 "Recycling Barns")	Recycling/ Disposal Collection Convenience Drop-off Centers	Liberty County	Planning Area	Residential	Glass bottles #1/#2 plastic HDPE containers Newspaper incl. glossy inserts  Magazines Aluminum cans Bi-metal cans Cardboard	47.89 3.57 4.47 293.84  19.27 3.43 6.36 49.95	0.184 0.014 0.017 1.130  0.074 0.013 0.024 0.192

### 3.1.3 Yard Trimmings Programs and Facilities

Yard waste originating from trimmings produced from residential landscape maintenance in the rural areas of unincorporated Liberty County is typically burned on-site by individual property owners. Liberty County does provide containers for yard waste disposal at their convenience centers which are available for use by all residents within the County, except those within the City of Hinesville. The City of Hinesville accepts waste originating from residential landscape maintenance within the urban area of Hinesville, and runs a mulching operation. Hinesville is planning to bring a compost facility on line late in 2009. This compost facility will enhance the current diversion of yard waste from landfill disposal.

### 3.1.4 Items Requiring Special Handling

Table 3-4 below provides an inventory and describes management of materials requiring special management procedures. This table includes handling and recycling of special materials for Liberty County and all incorporated jurisdictions.

**Table 3-4**  
**Management of Special Materials**

<b>Material</b>	<b>Targeted Sector(s)<sup>1</sup></b>	<b>Management Strategy</b>	<b>Final Disposition of Material(s)</b>
Electronics/Rechargeable Batteries	R, C	Quarterly 'Recycle It! Fairs', Collection by Goodwill in Hinesville; also accepted by Walmart and Lowes, and annually by Atlanta Recycling Solutions and KLB	Goodwill resells or recycles and then sells
Old TVs, Paint, Used motor oil, Antifreeze, Tires, Automotive batteries	R, C	Quarterly 'Recycle It! Fairs'	Recycled
Household Hazardous Waste (HHW)	R, C	As of February 2009, the Liberty Solid Waste Department is planning an event for collection of household hazardous waste to be operated by Sure Clean of Savannah, GA; Used motor oil is currently accepted at the Quarterly 'Recycle It! Fairs' and is accepted along with car batteries and antifreeze by Coastal Auto, Auto Sure, NAPA, Car Quest, and Walmart; Liberty County encourages by signs at convenience centers the return of car batteries, oil and antifreeze to sales outlets; Liberty County's Vehicle Maintenance Department, and Hinesville's vehicle maintenance contractor, OMI, also accepts these materials; Paint is collected by KLB and delivered to Habitat for Humanity in Statesboro, Georgia, for	Recycled

<b>Material</b>	<b>Targeted Sector(s)<sup>1</sup></b>	<b>Management Strategy</b>	<b>Final Disposition of Material(s)</b>
		reuse.	
Lead Acid Automotive Batteries	R, C	Accepted at Transfer Station but not encouraged. The public is encouraged (signs at convenience centers) to return auto batteries to appropriate retail outlets. Auto batteries are also accepted at the Quarterly 'Recycle It! Fairs'	Recycled
White Goods, Scrap metal	R, I, C	Collection at Transfer Station	Recycled
Tires	R, C, I	Collection at Transfer Station and through collection events	Re-use and Recycling
Restaurant Grease	C	Collected by Griffin Industries and hauled to Coastal Refinery in Savannah	Recycled at Coastal Refinery, Savannah, Georgia
Mobile Homes	R	Mobile Home Scrap Metal results from County Abatement Process and is hauled by scrap metal dealer.	Sold for recycling
Clean Concrete	R,C	Collection and recycling by Salter's Dirt Farm	Re-use and Recycling
Yard Waste	R,C	See above narrative under 3.1.3.	Burnt or used for landscaping, etc.

<sup>1</sup> R= Residential, I=Industrial, C=Commercial

Sources: Source: Liberty County Solid Waste Department, Keep Liberty Beautiful

## 3.2 Disaster Debris Management – Waste Reduction Strategy

Liberty County places a high priority on clean-up and restoration of services in the potential event of a natural disaster, in close collaboration with the County's Emergency Management Office. In addition, the management of clean-up, including strategy for waste reduction, will be immediately contracted through a bidding process to either R.W. Beck or MSW. Through the services of the contractor, recyclable debris will be properly separated and staged for recycling, and normal waste reduction programs and facilities will be restored as quickly as feasible.

## 3.3 Assessment of Waste Reduction Programs

Since the last writing of Liberty County's Solid Waste Management Plan in 1993 and the most recent update in 2004, waste reduction has steadily increased. The County is responsible for all recycling in the planning area, with the exception of recycling specific to some of the larger

industrial businesses. Twelve drop-off convenience sites, with sheltered and labeled bins to facilitate separation (“Recycling Barns”), are distributed within the planning area. These sites provide collection services for a wide variety of recyclable materials, including traditional recyclables such as paper and scrap metal. In addition, Liberty County is in the business of collection from 40 commercial customers, office paper, magazines and cardboard, for the purpose of recycling.

Liberty County also operates a Solid Waste Transfer Station, where old tires, automotive batteries and scrap metal are separated from the waste stream for recycling.

Other materials recycled by Liberty County include the scrap metal from junk mobile homes, as described above in Table 3-5. The most significant material recycled by Liberty County in terms of volume is newspaper, at nearly 294 tons in 2008, recovered from both the residential and commercial sectors.

The Liberty County Solid Waste Department transports all recyclables collected from the County’s recycling barns, schools and commercial establishments to Fort Stewart for processing and sale to the regional markets. The handling and recycling of special materials is managed by partnerships of the Solid Waste Department, KLB and a number of independent businesses. For example, clean concrete is taken for reuse and recycling by Salter’s Dirt Farm, a locally owned and operated business. Goodwill accepts used electronics during recycle-it fairs.

Liberty County Beautiful (KLB), partnering with the Solid Waste Department on waste reduction programs, focuses mainly on promotion and education. For example, KLB sponsors the “Return the Warmth Program”, providing opportunity for students to be involved with collection of #1 and #2 plastic bottles for reuse of the material to make fleece jackets for financially disadvantaged children. This program and other educational programs are further discussed in Section 7.

The private sector in Liberty County is very active in recycling also. For example, among the many materials recycled by Riceboro-based Interstate Paper in 2008 are 105,850 tons of OCC (old corrugated containers), or cardboard, 2,190 tons of tires, and 820 tons of steel. SNF – Chemtall, Inc. is a leader in recycling of wood pallets, diverting from landfill disposal 1,430 tons in 2008. SNF – Chemtall, Inc. also recycled 230 tons of plastic wrapping material and 598 tons of steel.

Opportunity exists for Liberty County to further meet the State’s mandate for solid waste reduction, in the areas of private sector collaboration, public opportunity to recycle materials requiring special handling, elimination of co-mingling through customer service, and efficient use of inmate labor for recycling. The possibilities for improvement are discussed below under Needs and Goals.

### 3.4 Needs and Goals

Liberty County coordinates with local businesses in the effort to recycle, satisfying primary objectives to divert solid waste from landfills and to reduce solid waste disposal costs to businesses. However, recycling in Liberty County can be expanded through increased collaboration with local and regional business interests.

The Quarterly Recycle It Fairs provide the opportunity for residents and businesses to recycle materials requiring special handling, including NiCad and other rechargeable batteries, fluorescent bulbs, old electronics (TV’s and computers, etc.) used motor oil, antifreeze and automotive batteries. Increasing the frequency of these events, thereby increasing promotion and convenience, would contribute to further growth of recycling in Liberty County. For example,



rather than holding quarterly events, the recyclable materials requiring special handling could be accepted at an appropriate location on one Saturday per month.

The convenience drop-off centers are currently unmanned. Liberty County may eliminate any co-mingling of recyclable and non-recyclable materials at the unmanned convenience centers, if customer service is provided at these centers. Manning these convenience centers may be considered by the County, along with advertised times of operation as is currently provided. Manned centers will in addition potentially facilitate increased community participation in the recycling of paper and other materials, as well as the distribution of pamphlets or other educational materials to households and businesses.

The operation of the transfer station can also be enhanced, through the use of inmate labor to separate clean cardboard from disposed waste. The separated cardboard can then be bailed and sold to local recyclers such as Interstate Paper.

The following goals and goal implementation strategies will lead to meeting improvement needs for the current Solid Waste Reduction Program of the Liberty County Planning Area.

Goal: Expand recycling through increased collaboration with local and regional business interests.

Strategies:

- Promote financial incentives inherent to source reduction and recycling, by stepping up collaborative initiatives with local and regional business.
- Increase collaborative efforts with local and regional businesses to identify potential interests in cooperative arrangements to redirect recyclables toward productive uses.
- Renew collaboration with Interstate Paper on the recycling of cardboard.

Goal: Maintain and enhance public opportunity for recycling of yard waste.

Strategies:

- Continue the operation of Hinesville's mulching facility.
- Operate the composting facility in Hinesville, scheduled to begin in late 2009.

Goal: Increase public opportunity for recycling of materials requiring special handling.

Strategies:

- Increase the frequency of transfer station services for collection of recyclable materials requiring special handling.
- Consider regular collection of recyclable materials requiring special handling during days and times convenient to the public, such as one Saturday per month.

Goal: Enhance the current convenience drop-off center services to increase community participation and eliminate co-mingling of recyclable materials and material to be landfill-disposed.

Strategy: Provide customer service by manning the existing convenience centers, along with advertised times of operation as is currently provided.

Goal: Enhance transfer station operation to provide separation and recycling of cardboard.

Strategy: Utilize inmate labor for separation and bailing of clean cardboard.

## Section 4 Collection Element

The Collection Element presents an inventory of the current solid waste collection arrangements available in the planning area. Collection and management of recyclables were discussed in the Waste Reduction Element in Section 3. This section addresses illegal dumping and littering issues in the planning area, as well as a contingency strategy should collection services be temporarily disrupted. It also describes measures for preparation and activation of disaster debris collection. The final sections assess the adequacy of the collection programs and identify collection goals and strategies needed for its accomplishments.

### 4.1 Inventory of Collection Programs

#### Liberty County

Liberty County provides collection services or facilities through the Liberty County Solid Waste Authority that serve essentially the entire planning area.<sup>5</sup> The County's transfer station is open five days per week, Monday through Friday, and accepts loads from public and private haulers operating in the planning area. Sorting occurs at the transfer station to remove commingled recyclables, tires, bulk items, hazardous waste, etc.

Liberty County operates seven unmanned convenience centers that are provided for interim disposal/collection use by single-family residential property owners of the unincorporated areas and municipal residents of Allenhurst, Flemington, Gum Branch, Midway, Riceboro, and Walthourville. The following components are available at these sites:

- Two 40 cubic yard open top containers (three available at newest site) with one designated for yard waste and the other for bulk waste;
- One 38 cubic yard enclosed container hooked to a hydraulic compactor unit for household (non-hazardous) waste;
- One eight cubic yard receptacle for cardboard
- Modular recycling barns that feature instructions for preparation and separation of various materials.

There are six additional recycling drop-off facilities located throughout the County. Operational costs for the convenience centers and recycling facilities are recouped through the Liberty County Solid Waste Assessment, which includes service fees charged to authorized customers.

A curbside collection program was implemented in July of 2008 as a pilot program that services a total of 176 residences in a rural area of the County which was previously supported by the last three dumpster sites in the County. Those dumpsters have been removed and the sites restored to natural habitat. These site closures conclude the County's program to eliminate all open dumpster sites in Liberty County. In this pilot project, the County currently provides a 95-gallon polycart for the collection of household waste. The fully automated collection fleet uses additional equipment<sup>6</sup> that allows curbside collection from front loader vehicles. The service includes curbside collection of bulk items and yard waste.

The County provides commercial waste collection as a subscription based service. The Solid Waste Authority provides waste collection containers (4, 6 and 8 cubic yard dumpsters) in

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<sup>5</sup> All collection services for recyclables are coordinated through the County.

<sup>6</sup> <http://www.curottocan.com/>

accordance with a formal service agreement, or may also contract for the collection of privately owned containers. According to the Solid Waste Authority, the County currently provides commercial front load waste collection service to 367 businesses located throughout the planning area.

Liberty County also provides roll off container service for C&D waste collection county-wide on a subscription fee basis but encourages potential customers to utilize private contractors for this service to reduce the processing of heavy C&D at the transfer station. Additionally, the County discourages contractors from bringing C&D loads to the transfer station, since the material in these loads can be damaging to their facilities. The County refers contractors directly to a landfill, or to a private collector that processes select recyclable materials.

There are currently six vehicles in use as part of Liberty County's residential and commercial collection fleet, and two additional vehicles used for recyclable collection. The County has a capital replacement fund in place to upgrade and replace their collection fleet.

#### **Town of Allenhurst**

Residential curbside collection service is available within the Town of Allenhurst. Residents of Allenhurst may contract with the City of Walthourville for these services, which includes yard waste and bulk waste collection. This is a subscription based, direct billing service utilized by approximately 42 percent of the population of Allenhurst. The remaining residents opt to use a private contractor or the County's convenience centers.

All waste collected in the Town of Allenhurst is taken to the Liberty County Transfer Station.

#### **City of Flemington**

The City Council of Flemington contracts directly with the City of Walthourville to provide residential curbside collection service, which includes yard waste and bulk waste collection for all residents of Flemington. All waste collected in the City of Flemington by Walthourville is taken to the Liberty County Transfer Station.

#### **City of Gum Branch**

The City of Gum Branch provides collection service for the residents through the City's use of a private contractor. Another option is the use of the County's convenience centers.

All waste disposed of by the residents of Gum Branch is assumed to be delivered to the nearby convenience center and is therefore taken to the Liberty County Transfer Station.

#### **City of Hinesville**

The City of Hinesville provides weekly curbside collection service to all residences within the City. This includes the collection of household, yard, and bulk wastes. A 90-gallon roll out polycart is provided to the residents. Hinesville will not pick up construction debris, liquid waste, medical waste, or other hazardous waste that is placed curbside.

Hinesville also provides for the collection of commercial waste as a subscription based service and currently provides service to 415 customers, primarily apartment and condo residents. The City provides "sway-cart" trailers as a weekend C&D collection option on a subscription fee basis for city residents.

Waste collection fees for the City's residents are included as part of the water utility bills. Hinesville is currently under contract with CH2MHILL Operations Management International, Inc. (OMI) to operate their waste collection services.

There are currently eight vehicles in use as part of the City of Hinesville's collection fleet. The City has a capital replacement fund in place to upgrade and replace their collection fleet.

All waste collected in the City of Hinesville is taken to the Liberty County Transfer Station with the following exceptions:

- Yard waste that is collected curbside is taken to a site<sup>7</sup> located on J.V. Road for processing; and
- White goods that are separated by the City and delivered to private recycling centers.

#### **City of Midway**

The City of Midway contracts with Republic Waste Services to provide residential curbside collection service. This is limited to household waste only and the waste is hauled to an out-of-county transfer station. Residents use the services and facilities provided by Liberty County for yard waste, bulk waste and recycling.

#### **City of Riceboro**

The City of Riceboro contracts with Republic Waste Services to provide residential curbside collection service to 64 percent of the residential base. This is limited to household waste only and the waste is hauled to an out-of-county transfer station. Residents use the services and facilities provided by Liberty County for yard waste, bulk waste and recycling. The remaining 36 percent of the Riceboro residents use facilities provided by Liberty County.

#### **City of Walthourville**

The City of Walthourville offers curbside household, yard waste, and bulk waste collection services to its citizens and other customers as previously described. However, only 52 percent of the City's population utilizes the City-provided services.

There are currently three vehicles in use as part of the City of Walthourville's collection fleet (two rear loaders and a grapple loading truck). There is no capital replacement fund in place to upgrade and replace the City of Walthourville's collection fleet.

All waste collected in the City of Walthourville is taken to the Liberty County Transfer Station.

Table 4-1 lists the haulers operating within the planning area that provide waste collection services. According to the 2008 Solid Waste Survey, solid waste haulers are only allowed to operate within unincorporated Liberty County and the Town of Allenhurst without any local government oversight or control.

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<sup>7</sup> This site is owned by the County and leased to the City of Hinesville for the yard waste processing purposes.

**Table 4-1  
Haulers Operating in the Planning Area**

<b>Hauler Name</b>	<b>Collection Type</b>	<b>Jurisdiction(s) Served</b>	<b>Sectors Served</b>
Liberty County	County provided service	Entire Planning Area	Residential, Commercial, C&D
City of Hinesville	City provided service operated by OMI	City of Hinesville	Residential, Commercial, C&D
City of Walthourville	City provided service	Walthourville, Allenhurst, and Flemington	Residential
Republic Waste Services	Private Hauler	Contracted by Midway and Riceboro for residential; Privately contracted for other service	Residential, Commercial, C&D
Rural Sanitation	Private Hauler	Allenhurst, Gum Branch, rural residents in unincorporated County	Residential
Atlantic Waste	Private Hauler	Privately contracted for service	Commercial, C&D
Woods Waste Disposal	Private Hauler	Privately contracted for service	Commercial
Waste Management	Private Hauler	Privately contracted for service	C&D
Southern Disposal	Private Hauler	Privately contracted for service	C&D
Liberty Waste	Private Hauler	Privately contracted for service	C&D
TTC Waste Services	Private Hauler	Privately contracted for service	C&D
Recovered Materials	Private Hauler	Provides trailer for tires at Transfer Station; loads picked up as needed	Tire only collection

Source: Liberty County Solid Waste Authority

### **4.1.1 Contingency Strategy**

If such a situation arises where existing collection arrangements can no longer provide the same level of service, either temporarily or long-term, the impacted jurisdiction will immediately alter their contracts and provisions of service. This may include lifting any local solid waste hauler operation restrictions in order to establish contracts with additional haulers for collection purposes. This option is expected to be online within 24 to 36 hours. The County's convenience centers are still available for use by all residents in the County for self hauling, excluding those within the City of Hinesville.

### **4.1.2 Disaster Debris Management – Collection Strategy**

Liberty County places a high priority on clean-up and restoration of services that have been impacted by a natural or manmade disaster, in close collaboration with the Liberty-Hinesville Emergency Management Agency (LHEMA). The local emergency operation plan states that an immediate bidding process would be initiated in order to secure private contracts from either R.W. Beck or MSW for disaster debris management. If management of the resulting debris is beyond the local capabilities, then the necessary collection contingency strategies will be brought

online. In addition, the local governments would act as first responders to ensure that debris is removed from high priority areas such as roadways and areas where debris is posing an immediate threat to public health and safety.

Since the County's convenience centers will likely be subject to an increased level of self hauls from residents in the incorporated areas, additional greenbox (dumpster) containers will be placed throughout the County for waste collection. Yard waste is currently stockpiled and ground for mulch at the J.V. Road processing facility, and additional sites may have to be made available.

If there is a disruption in the normal collection schedules, public information will be made available through the LHEMA information line and website, the local government offices and websites, local radio stations, and local newspapers.

## **4.2 Illegal Dumping/Littering**

Despite ongoing efforts against it, illegal dumping and littering occasionally occurs within in the planning area. Littering is most prominently identified by Liberty County and the City of Midway as occurring on roadways as a result of improperly secured trash blown from transport vehicles. The closure of the County's remaining rural dumpster sites and establishment of the rural polycart collection district have resulted in significant reductions of roadway litter along US 17 (South) and SR 199 between Waltourville and Riceboro.

Local ordinances are in place to address these issues; however, only the County has an active environmental Code Enforcement Program that features a patrolling officer. This officer issues citations often resulting in conviction and/or fines. Most of the illegal dumping issues are due to misuse of the County's unmanned convenience centers by residents of Bryan, Long, McIntosh, and Wayne Counties. The County is considering the acquisition of cameras to install at the convenience centers.

Each jurisdiction periodically picks up litter and cleans up illegal dump sites on an as needed basis. Public works employees, inmate/prison labor, community service labor, and volunteers are utilized for these local cleanup efforts, many under the auspices of Keep Liberty Beautiful.

## **4.3 Assessment of Collection Programs**

The planning area's collection programs provide adequate services in a manner that is cost effective and resourceful. However, during the planning period, it is most likely that the County will experience the greatest extent of change with their collection programs. The County is considering establishing manned operations at the convenience centers, and will explore the feasibility to expand the rural curbside polycart collection program to provide service throughout the rural area of Liberty County.

Additionally, local efforts should be explored to better identify the source of waste being collected for those loads that are not taken directly to the County's transfer station. This may be a difficult task because it will take a great deal of cooperation from various waste haulers that service the planning area, if they are required to alter the way waste gets reported at landfills.

Keep Liberty Beautiful has partnered with the local governments and has been very beneficial in raising public awareness and increasing local education efforts. These efforts have been effective in litter reduction and collection of recyclables countywide.

## 4.4 Needs and Goals

**Goal:** The Liberty County planning area collection goal is to provide consistent and efficient collection services to ensure that all jurisdictional needs are met.

**Strategies:**

- Ensure that operation of the County's transfer station will continue to meet the planning area's needs.
- Ensure the continuance of reliable and efficient waste collection services and expand or establish service as needed.
- Develop and/or enforce reporting requirements for private haulers that do not utilize the County's transfer station to better track quantities of waste collected within planning area.
- Establish manned operation at convenience centers and explore feasibility of countywide rural curbside collection.



## Section 5 Disposal Element

Solid waste from the Liberty County planning area that is not recycled is hauled by independent contractors, in county-owned trailers, to the Broadhurst Environmental Landfill, located in Screven, Georgia.

### 5.1 Inventory of Solid Waste Disposal Facilities

**Table 5-1**  
**Inventory of Disposal Facilities**  
**to Be Used During the Planning Period**  
**(2007-2019)**

Facility Name	Owner/ Operator	Facility Type	Waste Accepted	Placement (disposal) Rate	Year Expected to Reach Capacity
Broadhurst Environmental Landfill	Waste Management	MSW landfill	MSW, other non- hazardous	2,949 cubic yards per day	2023

#### 5.1.1 Assurance of 10-Year Capacity

Sufficient disposal capacity is assured for Broadhurst Environmental Landfill, Screven, Georgia, EPD Permit Number 151-014D(SL), to handle the projected amount of solid waste from Liberty County and the incorporated municipalities. A capacity assurance confirmation from Broadhurst Environmental Landfill is attached in the Appendix, Section 9. This confirmation documents a remaining 15-year capacity.

#### 5.1.2 Contingency Strategy

Interim disposal of solid waste, in the event primary disposal service provided by Broadhurst Environmental Landfill in Screven, Georgia is interrupted, would be immediately diverted to Superior Landfill in Savannah, Georgia. MSW would continue to be transported by contract to the Liberty County Transfer Station.

#### 5.1.3 Disaster Debris Management – Disposal Strategy

Liberty County places a high priority on clean-up and restoration of services in the potential event of a natural disaster, in close collaboration with the Liberty-Hinesville Emergency Management Agency. In addition, the management of clean-up, including strategy for waste reduction, will be immediately contracted through a bidding process to either R.W. Beck or MSW. Through the services of the contractor, recyclable debris will be properly separated and staged for recycling, and normal waste reduction programs and facilities will be restored as quickly as feasible. Material to be disposed will be transported by ongoing contract as soon as feasible to Broadhurst Environmental Landfill, or Superior Landfill in Savannah, Georgia if primary disposal service were interrupted.

## 5.2 Assessment of Disposal

The Liberty County Solid Waste Department will continue to manage collection and hauling of municipal solid waste to Broadhurst Environmental Landfill, having sufficient capacity for the planning period, under Georgia EPD Permit Number 151-014D(SL). Midway and Riceboro maintain separate contracts with Republic Waste and Broadhurst Environmental Landfill for collection and disposal of municipal solid waste. Based on the statement of assurance provided by Broadhurst Environmental Landfill, provider of primary municipal solid waste disposal service to the Liberty County planning area, Broadhurst Environmental Landfill will have sufficient capacity for no less than ten years. This capacity is expected to allow for projected gradual increases in generation of MSW by the Liberty County planning area, and a contingency strategy is in place to meet disposal needs in the event of an interruption of disposal service provided by Broadhurst Environmental Landfill. Inert materials will continue to be diverted from landfill disposal by Liberty County. Clean concrete is taken for reuse and recycling by Salter's Dirt Farm, a locally owned and operated business.

## 5.3 Needs and Goals

The goal and strategies associated with solid waste disposal as inventoried and assessed above, are as follows:

**Goal:** Ensure sufficient capacity for disposal of solid waste amounts projected over the next ten years, for no less than ten years, and maintain a contingency arrangement for interim disposal in the event primary disposal service is interrupted.

**Strategies:**

- Continue transport by an independent contractor or contractors to Broadhurst Environmental Landfill in Screven, Georgia of all solid waste to be landfill-disposed, for no less than the ten-year planning period subject to the assurance provided by Broadhurst Environmental Landfill in Screven, Georgia.

## Section 6 Land Limitation Element

There are a number of different factors that must be considered when selecting a suitable site for development of new, or the expansion of existing landfills, and/or other waste handling facilities. Demographic factors, land use factors, and environmental factors collectively place limitations and pose challenges with regard to finding an appropriate site.

Sites selected for landfills and other related facilities should not diminish the overall quality of life for residents in a community. These sites should also have a minimal impact on the natural environment. The environmental and land use factors presented in the Land Limitation Element are required to be considered by State law. Some factors specify design requirements, while others prohibit the siting of facilities in certain areas.

The Land Limitation Element also includes discussion of local government review to determine permit application consistency with the Liberty County Joint Solid Waste Management Plan. Together, the Land Limitation Element provides guidance to minimize the adverse effects that could result from potential siting of future waste facilities.

### 6.1 Areas with Natural and Environmental Limitations

This section discusses some of the restrictions with regard to where a solid waste landfill or other waste handling facility can be located within a county or city based on Federal, State, and local policy as they relate to the natural environment. Some of these items are illustrated on the maps that follow. However, these maps should not substitute for comprehensive, site-specific field analysis.

**Floodplains** – DNR Rule 391-3-4-.05(1)(d) stipulates that any solid waste landfill located in the 100-year floodplain shall not restrict the flow of the 100-year flood, reduce the temporary water storage capacity of the floodplain, or result in a washout of solid waste so as to pose a threat to human health or the environment.

- The 100-year floodplain is fairly prevalent in Liberty County, covering a significant portion of southeast Liberty County and swath of northeast Liberty County within Fort Stewart's boundaries.

**Wetlands** – DNR Rule 391-3-16-.03(3)(e) establishes that solid waste landfills may constitute an unacceptable use of a wetland. DNR Rule 391-3-4-.05(1)(e) prohibits the development of solid waste landfills in wetlands, as defined by the U.S. Army Corps of Engineers (USACOE), unless evidence is provided by the applicant to EPD that use of such wetlands has been permitted or otherwise authorized under all other applicable state and federal laws and rules.

- The majority of Liberty County is situated in a wetlands environment. The applicable DNR rules will be referenced and the Liberty Consolidated Planning Commission (LCPC) requires that for land disturbance of any kind, the applicant must have clearance from the USACOE.

**Significant Groundwater Recharge Areas** – DNR Rule 391-3-16-.02(3)(a) requires that in significant groundwater recharge areas, DNR shall not issue permits for new solid waste landfills not having synthetic liners and leachate collection systems. DNR Rule 391-3-4-.05(1)(j) also

requires new solid waste landfills or expansions of existing facilities within two miles of a significant groundwater recharge areas to have liners and leachate collection systems, with the exception of facilities accepting waste generated from outside the county in which the facility is located. In that case, the facility must be totally outside of any area designated as a significant groundwater recharge area.

- Liberty County, the Town of Allenhurst, and the Cities of Hinesville and Walthourville have adopted a groundwater recharge area ordinance. Based on available data, no significant groundwater recharge areas have been identified within the remaining jurisdictions.

**River Corridors** – DNR Rule 391-3-16-.04(4)(h) prohibits the development of new solid waste landfills within protected river corridors.

- The Liberty County planning area does not contain, nor does it fall within the buffer of any protected river corridors.

**Protected Mountains** – DNR Rule 391-3-16-.05(4)(l) prohibits the development of new solid waste landfills in areas designated as protected mountains

- There are no protected mountains in the Liberty County planning area.

**Fault Zones, Seismic Impact Zones, and Unstable Areas** – DNR Rule 391-3-4-.05(1)(f) focuses on fault areas and requires that new landfill units and lateral expansions of existing landfills not be located within 200 feet of a fault that has had a displacement in Holocene time, unless an alternative setback distance of less than 200 feet will prevent damage to the structural integrity of the landfill and will protect human health and the environment.

DNR Rule 391-3-4-.05(1)(g) prohibits the development of new landfills and lateral expansions of existing landfills in seismic impact zones, unless all landfill containment structures, including existing landfill liners, leachate collection systems, and surface water control systems, are designed to resist the maximum horizontal acceleration in lithified earth material for the site.

DNR Rule 391-3-4-.05(1)(h), states that owners/operators of new landfills, existing landfills and lateral expansions of existing landfills located in an unstable area must demonstrate that engineering measures have been incorporated into the landfill's design to ensure that the integrity of the structural components of the landfill will not be compromised.

- None of these areas are currently recorded as being present in Liberty County. In the event that such an area is recorded by the appropriate regulatory organization, this plan will be amended to include limitations regarding solid waste management specific to this type of area.

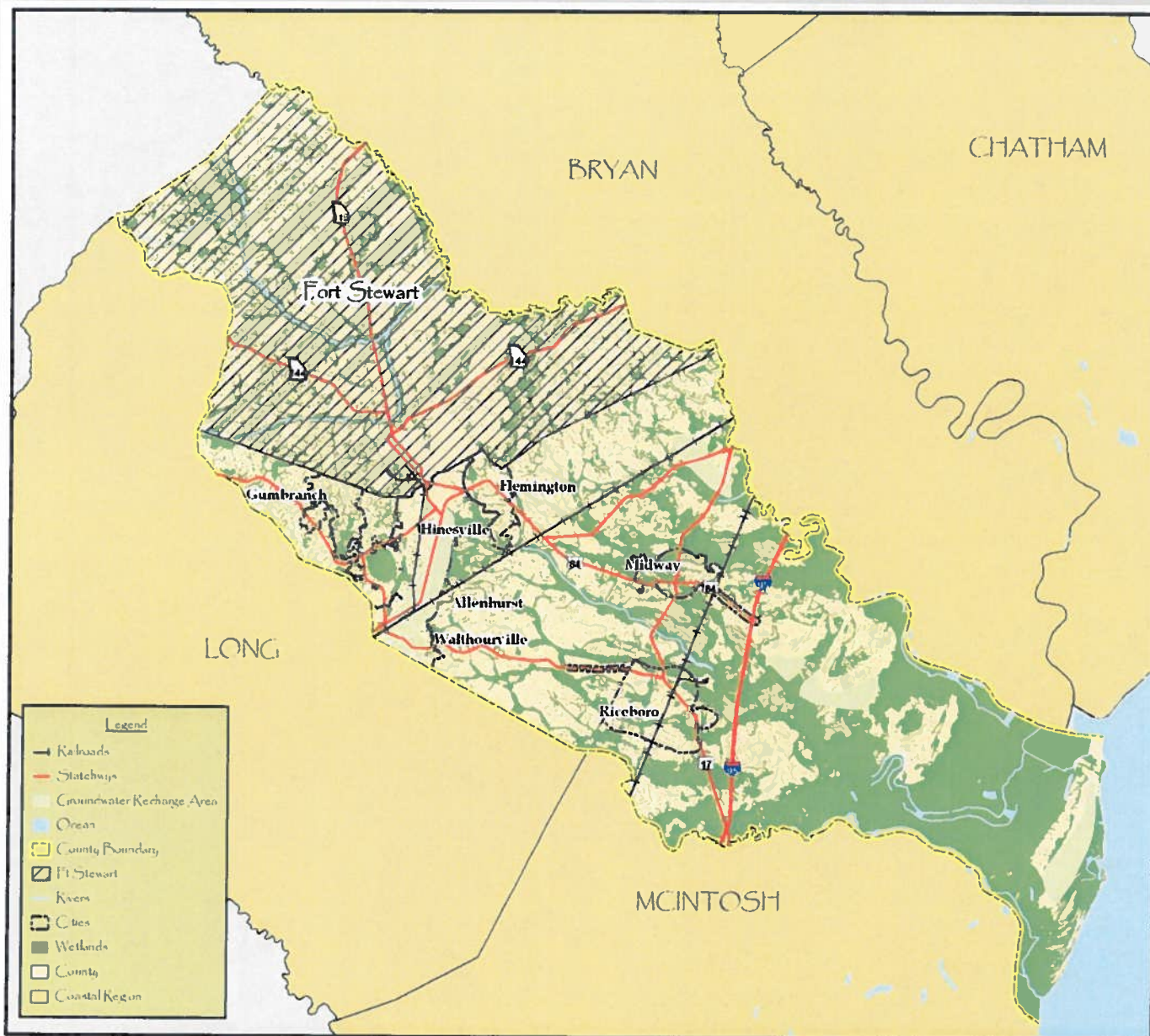
**Water Supply Watersheds** – DNR Rule 391-3-16-.01(7)(c)1 requires that at any location within a small water supply watershed, new solid waste landfills must have synthetic liners and leachate collection systems.

- None of the jurisdictions in the Liberty County planning area fall within the boundaries of a water supply watershed.





# Liberty County Solid Waste Management Plan



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*Coastal Georgia*  
Regional Development Center

Geographic Information Systems/Information Technology Department  
September 2008

Liberty County  
Water Resources  
Map

## 6.2 Inventory of Areas with Land Use Limitations

This section discusses some of the restrictions with regard to where a solid waste landfill or other waste handling facility can be located within a county or city based on Federal, State, and local policy as they relate to the land use or zoning factors. The maps below depict a general overview of land use or zoning limitations within Liberty County.

**Zoning Restrictions** – DNR Rule 391-3-4-.05 requires that sites proposed for a solid waste handling facility must conform to all local zoning/land use ordinances and that written verification of such be submitted to EPD.

- According to the County's Zoning Ordinance, a solid waste disposal area shall only be permitted in the "I-1" industrial district as a conditional use based upon approval of the Board of Commissioners. The following Zoning Map illustrates the current (as of the writing of this plan) industrial zoned districts within the planning area, with the I-1 zones colored in bright green.

**Airports** – DNR Rule 391-3-4-.05(1)(c) requires that new solid waste landfill units or lateral expansions of existing units shall not be within 10,000 feet of any public use or private use airport runway end used by turbojet aircraft, or within 5,000 feet of any public use or private use airport runway end used by only piston type aircraft.

- Wright Army Airfield and the Midcoast Regional Airport are located in Liberty County within the Fort Stewart Army Installation, and according to the local Comprehensive Plan, this is the only active facility. Additional criteria may also apply.

**National Historic Sites** – The Official Code of Georgia (O.C.G.A.), in 12-8.25.1 prohibits location of hazardous waste or solid waste landfills or handling facilities within 5,708 yards of any National Historic Site.

- Liberty County has twelve sites listed on the National Historic Register. The local Geographic Information System data must be consulted to identify the necessary 5,708 yard buffer.

**Military Air Space** – The DNR Criteria for Siting provide that new MSWLF units shall not be located within two miles of a federally restricted military air space which is used for a bombing range.

- Fort Stewart Army Installation occupies a large portion of Liberty County, but is not classified as a bombing range. The U.S. Marine Corps operates a bombing range in Townsend Georgia, located in west McIntosh County. Only a small portion of the restrictive buffer lies within Liberty County as shown on the Airport Location Map.

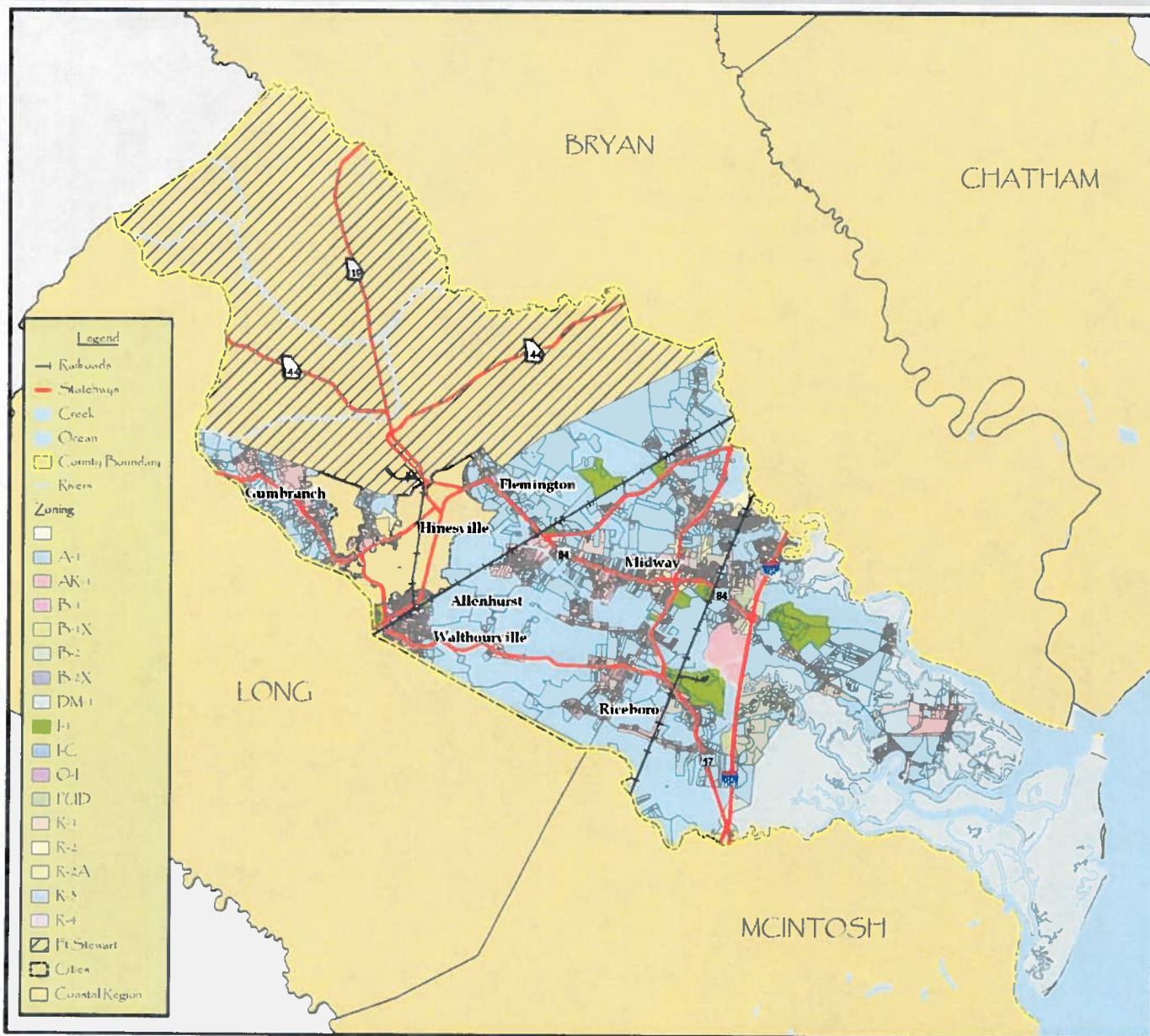
**Political Subdivision** – According to the Georgia Comprehensive Solid Waste Management Act, it is prohibited to develop an MSW landfill within one-half mile of an adjacent county's border without the approval of the governing authority.

- Liberty County borders McIntosh County, Long County, and Bryan County. Additional Federal criteria may apply due to the presence of the Fort Stewart Army Installation.





# Liberty County Solid Waste Management Plan



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0 1 2 4 8 Miles

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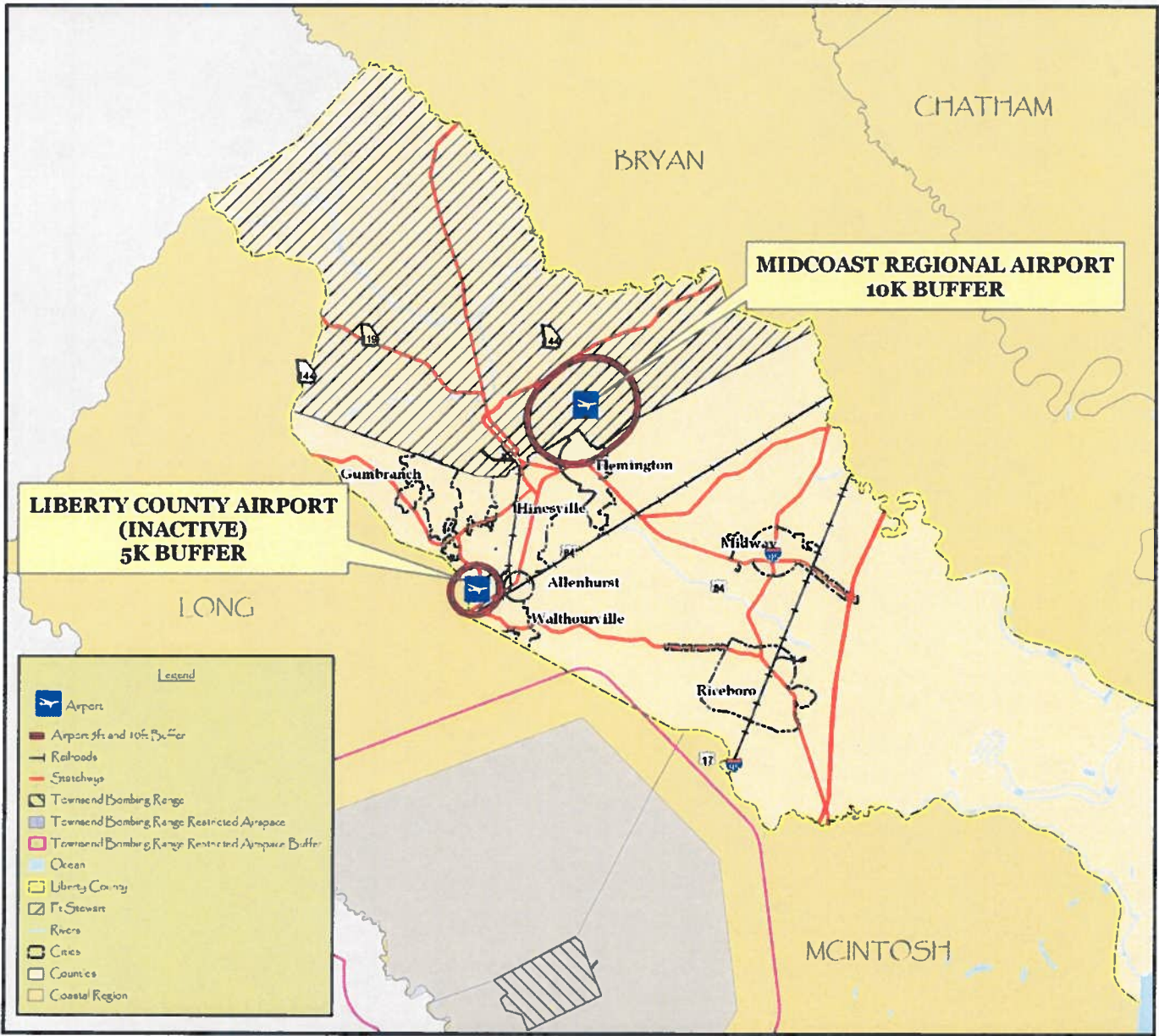
Geographic Information System / Information Technology Department  
September 2008

## Liberty County Zoning Map





Liberty County  
Solid Waste Management Plan



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Liberty County  
Airport Location  
Map

## **6.3 Local Procedures for Siting Solid Waste Facilities**

The purpose of this section is to outline the requirements that the developer of a new solid waste landfill or other waste handling facility must fulfill in order to demonstrate that the facility they wish to construct in Liberty County is consistent with this SWMP.

No proposed solid waste facility or facility expansion will be sited in the Liberty County planning area without a letter from the Liberty County Commission or the appropriate City or Town Council stating that the proposed facility is consistent with this SWMP.

Any applicant wishing to present a case for constructing such a facility will be required to cover all expenses associated with developing the proposal and properly informing the public based on the procedures listed in this plan, and the common practices for public notification upheld by the respective local government.

The procedure for determining whether a proposed facility or facility expansion is consistent with the SWMP is as follows:

- A. At least 120 days prior to filing for a solid waste handling permit, or notifying EPD in the case of a solid waste facility that is permitted by rule, the applicant will submit to the governing body a written statement documenting the following:
  1. How the proposed facility or facility expansion will meet the specific goals and/or needs identified in the SWMP, including a description of:
    - a. The impact upon the collection capability within the planning area;
    - b. The impact upon disposal capacity identified in the planning area; and
    - c. The impact to the waste reduction and recycling efforts within the planning area, specifically how the proposed facility or facility expansion will further progress towards waste reduction.
  2. How the proposed facility or facility expansion and its operation will impact the community. Specifically what will be:
    - a. The impact to vehicle traffic and public safety around the proposed facility and throughout the planning area;
    - b. The impact on natural or cultural resources within the planning area;
    - c. The impact to individual and business solid waste management rates; and
    - d. The impact on the current solid waste management infrastructure with the planning area, both public and private.
  3. The impact to the financial viability of the existing solid waste management system within the planning area.
  4. Evidence that the proposed facility or facility expansion is sited in an area deemed suitable according to the criteria listed in the Plan.
  5. Evidence that the proposed facility or facility expansion is sited in a location that is consistent with local zoning ordinances.
  6. Evidence that the proper public notification was given, including notification of all adjacent property owners.

- B. Within 60 days after this document is received, the County Commission and/or appropriate City or Town Council will hold at least one public hearing on the proposed facility or facility expansion to gather input regarding the consistency of the facility with the SWMP. This public hearing or hearings will be advertised according to local requirements regarding public notification of public hearings.
- C. The governing body shall review the written documentation for consistency and consider public comment and determine whether the proposed facility or facility expansion is consistent with the SWMP. Within 30 days of making their determination the governing body shall notify the facility owner/operator whether or not the proposed facility or facility expansion is consistent with the Plan. If the proposed facility is not consistent with the Plan, the developer may address the inconsistencies and resubmit their request for another review.

## 6.4 Assessment of Land Limitation

The use of solid waste disposal facility (landfill) in Liberty County is restricted to the county's Industrial (I-1) Zoning District as a conditional use based on approval by the Liberty County Board of Commissioners. Although the County's zoning does not apply to the municipalities, due to their relatively small size, land limitation issues are addressed by the Liberty County on behalf of the entire planning area, and thus, the incorporated areas are unsuitable for the siting of new solid waste handling facilities.

Any proposed siting of a landfill would require site-specific field investigation meeting the DNR Criteria for Siting of Solid Waste Management Facilities.

Under this SWMP, and based on current policies, restrictions, and limitations, the following within the Liberty County planning area are considered unsuitable for the siting of new, or expansion of any existing solid waste landfill or other waste handling facilities<sup>8</sup>:

- Any location within the municipal boundaries of incorporated Allenhurst, Flemington, Hinesville, Gum Branch, Midway, Riceboro, and Walthourville.
- Any location within 5,708 yards of a designated National Historic Site within the planning area.
- All lands identified on the Liberty County Zoning Map that are outside of the I-1 Zoning District.
- Wetlands, as defined by the U. S. Army Corps of Engineers, groundwater recharge areas, and floodplains.
- Areas with within one-half mile of another county's borders without the approval of that jurisdiction's governing authority, if determined applicable under O.C.G.A. § 12-8-25.
- Any location potentially within the 10,000-foot Airport Exclusion Zone (buffer).

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<sup>8</sup> This Solid Waste Management Plan shall be amended if conditions occur that would allow the siting of such facilities in any of these areas during the 2007-2019 planning period.

## 6.5 Needs and Goals

**Goal:** The land limitation goal is to ensure that the development of any type of waste handling facility is done in a manner that does not compromise quality of life, public health and the environment. To achieve this, the following strategies have been identified:

**Strategies:**

- Ensure potential new facilities or facility expansions are sited and operated in a manner that is consistent with the Liberty County Joint Solid Waste Management Plan.
- Update and maintain maps with regard to the identified environmental, land use, and zoning limitations.
- Evaluate and revise local zoning ordinances to ensure desires of the community are expressly protected
- Inform and educate potential developers about the procedures to determine consistency of proposed facilities with this Solid Waste Management Plan.

## Section 7 Education and Public Involvement

In this Section, current programs and activities providing education and encouraging public involvement are inventoried and assessed. Efforts and programs discussed include unincorporated Liberty County, the Town of Allenhurst, and the Cities of Hinesville, Walthourville, Midway, Gum Branch, Flemington and Riceboro.

### 7.1 Existing Public Education Programs and Public Involvement Opportunities

Solid waste source reduction, reuse and recycling in Liberty County is actively promoted by Keep Liberty Beautiful (KLB), a public education and volunteer action program dedicated to community involvement. KLB, as an affiliate of the national organization Keep America Beautiful since 1983, embraces the goal of Keep America Beautiful: "To engage individuals in taking greater responsibility for improving their community environment." KLB has collaborated with Liberty County's public schools and the Liberty County Solid Waste Department to sponsor the "Return the Warmth Program", providing opportunity for students to be involved with collection of #1 and #2 plastic bottles for reuse of the material to make fleece jackets for financially disadvantaged children.

KLB participates in or operates nearly every program and event in Liberty County to create public awareness, appreciation and involvement in solid waste reduction, re-use and recycling, and elimination of litter. The four main focus areas for KLB are: litter prevention and eradication, beautification and community improvement, waste reduction and recycling, and stormwater pollution education and awareness. Volunteers are recruited throughout the year to assist with a variety of activities held seasonally, annually, quarterly or monthly. Many projects include involvement of younger children with adult supervision, or teens interested in activities serving their community, thus serving to educate local youth.

The many education programs and activities operated or supported by KLB and the partnering governments are summarized in Table 7-1 below.

**Table 7-1**  
**Existing Environmental Education Initiatives**

<b>Program/Activity</b>	<b>Jurisdictions Covered</b>	<b>Operated by</b>	<b>Target Audience</b>	<b>Description of Impact</b>
Liberty County/KLB website	All	Liberty County and KLB	General Public	Educate and Advertise Educational and Recycling Activities
Weekly local newspaper column	All	KLB	General Public	Periodic promotion of waste reduction, reuse and recycling
Away From Home Recycling	All	KLB, Liberty County Solid Waste Authority	General Public	Provide public opportunity to recycle plastic bottles and aluminum cans at local fairs and



<b>Program/Activity</b>	<b>Jurisdictions Covered</b>	<b>Operated by</b>	<b>Target Audience</b>	<b>Description of Impact</b>
				festivals, and advertise recycling
Annual Christmas Tree Recycling "Bring One for the Chipper"	All	KLB, Liberty County Solid Waste Authority, City Hinesville, Georgia Forestry Commission	General Public	Educate and produce mulch as alternative to landfilling
Quarterly 'Recycle It! Fairs'	All	Liberty County and KLB	General Public	Promote and provide public opportunity to recycle electronics, paint, motor oil, antifreeze, and car batteries
Periodic used tire collection events	All	Liberty County and KLB	General Public	Promote and provide public opportunity to recycle tires
'Atlantic Recycling Solutions' annual collection event	All	Atlantic Recycling Solutions and KLB	General Public	Promote and provide public opportunity to recycle fluorescent light bulbs, books and phone books
Return the Warmth Program	All	Schools, KLB	Children and General Public	Recycling of #1 and #2 plastic bottles for making of fleece jackets for disadvantaged children
Earth Day, with emphasis on Stormwater Pollution awareness and involvement, and waste reduction	All	KLB	Children and General Public	Educate environmental stewardship, including waste reduction, reuse and recycling
School Recycling Program	All	Schools (High school uses trash and recycling frames) Supported by janitorial staffs, KLB	Children and Parents	Educate; Reduce, Reuse and Recycle Waste from Schools
School Curricula	All	Schools, KLB	Children	Educate on waste reduction, reuse and recycling
National Recycling Week Presentations	All	KLB	Children	Educate on recycling
International Compost Awareness Week	All	KLB	Children and General Public	Create public awareness and participation in

<b>Program/Activity</b>	<b>Jurisdictions Covered</b>	<b>Operated by</b>	<b>Target Audience</b>	<b>Description of Impact</b>
				recycling and waste reduction through composting
Adopt Liberty Program	All	KLB	General Public	Reduce litter, enhance environmental and scenic quality of parks, roadways and waterways
Adopt-A-Highway	All	GA Clean & Beautiful Commission, GA DOT	General Public	Reduce litter, enhance environmental and scenic quality
Rivers Alive Annual Cleanup	All	KLB	General Public	Create public awareness and involvement in water resource preservation
Public Awareness Campaign Placemats (4,000 in 2008 on America Recycles Day and 10,000 projected for 2009)	All	KLB, Liberty County Solid Waste Authority	Children and General Public/ Restaurant Patrons	Create public awareness, appreciation and involvement in recycling
Great American Cleanup	All	KLB	General Public	Create public awareness, appreciation and involvement in a litter-free environment
America Recycles Day Promotion	All	KLB	General Public	Create public awareness, appreciation and involvement in recycling
Arbor Day	All	KLB, Public schools, Kiwanis Club, Rotary Club	Children and General Public	Create appreciation for trees and the natural environment, and plant trees
Beautification Projects, Community and Youth Education Activities	All	KLB	Children and General Public	Create public awareness, appreciation and involvement in a litter-free environment
Beautification Recognition Programs, ex.: "Win-dex Award"	All	KLB	Businesses	Acknowledge businesses keeping properties attractive



## 7.2 Adequacy of Environmental Education Initiatives Assessment

In 1983, Keep Liberty Beautiful (KLB) began partnering with Liberty County Solid Waste Authority to promote education and public awareness on waste reduction. Liberty County's website, under a section designated to KLB, provides useful public information on waste reduction programs and events, and the locations of the seven Liberty County Disposal/recycling Centers and six Recycling Drop-off Sites. KLB engages the community in several other ways, including the partnering with the public schools to develop school source reduction and recycling programs and education.

A noteworthy example of KLB's leadership in recycling promotion is the creation and display of the world's largest crayon, recycled from old crayons destined for disposal. Lyman Hall Elementary School, located in Hinesville, was the venue for the KLB-sponsored unveiling of the world's largest crayon, in honor of America Recycles Day, observed on November 15, 2008. Students of Liberty County spent six months collecting more than 100,000 crayons, and the event's organizer, Liberty County resident Leah Poole, reached out to the community and received donations from the Liberty Solid Waste Department, local businesses and the students of local schools. Liberty County's Director of Solid Waste, Dave Sapp, built the 12-foot mold for the crayon and helped pour the melted wax. The resulting creation was a 9-foot, 8-inch tall, 605.5-pound crayon, a dramatic and well-publicized promotion of recycling, particularly directed toward children. The unveiling event was attended by a representative of the Guinness Book of World Records, for the purpose of official certification.

KLB also partners with local business interests. As a recent example, on October 25, 2008, KLB partnered with a prominent local industrial business, SNF Chemtall, to provide water, Rivers Alive T-shirts and lunch for volunteers, and organized the annual Rivers Alive clean-up of ten to twelve bodies of water in the community. An article written on October 5, 2008, for the weekly KLB column in the Coastal-Courier, the local newspaper based in Hinesville, advertised the event. The article, written by Sara Swida, Director of KLB, also informed the public on the issue of non-point source pollution of waterways.

## 7.3 Needs and Goals

**Goal:** Ensure that all residents in Liberty County, the Town of Allenhurst, and the Cities of Hinesville, Walthourville, Midway, Gum Branch, Flemington and Riceboro, are provided with convenient alternatives for recycling and disposal of solid waste, and are routinely engaged by educational programs, new information and opportunities to participate in source reduction, recycling and proper waste disposal.

**Strategies:**

- Keep all information pertaining to source reduction and recycling updated and available on websites and in offices.
- Continue all ongoing outreach programs and activities described in this solid waste management plan.
- Maintain effective informational signage at all recycling and disposal facilities.

- Expand production and distribution of educational literature for the public.
- Make greater use of Liberty County's website for the purpose of education relevant to waste reduction.

## Section 8 Implementation Strategy

### 8.1 Summary of Goals and Needs

#### Waste Reduction

Goal: Expand recycling through increased collaboration with local and regional business interests.

Strategies:

- Promote financial incentives inherent to source reduction and recycling by stepping up collaborative initiatives with local and regional business.
- Increase collaborative efforts with local and regional businesses to identify potential interests in cooperative arrangements to redirect recyclables toward productive uses.
- Renew collaboration with Interstate Paper on the recycling of cardboard.

Goal: Maintain and enhance public opportunity for recycling of yard waste.

Strategies:

- Continue the operation of Hinesville's mulching facility.
- Operate the composting facility in Hinesville, scheduled to begin in late 2009.

Goal: Increase public opportunity for recycling of materials requiring special handling.

Strategies:

- Increase the frequency of transfer station services for collection of recyclable materials requiring special handling.
- Consider regular collection of recyclable materials requiring special handling during days and times convenient to the public, such as one Saturday per month.

Goal: Enhance the current convenience drop-off center services to increase community participation and eliminate co-mingling of recyclable materials and material to be landfill-disposed.

Strategy: Provide customer service by manning the existing convenience centers, coupled with advertised convenient times of operation.

Goal: Enhance transfer station operation to provide separation and recycling of cardboard.

Strategy: Utilize inmate labor for separation and bailing of clean cardboard.

**Jurisdiction:** Liberty County provides recycling services throughout the Planning Area, including the incorporated municipalities within, and including collection of recyclables from approximately 40 local commercial customers.

### **Collection**

**Goal:** The Liberty County planning area collection goal is to provide consistent and efficient collection services to ensure that all jurisdictional and sector needs are met.

**Strategies:**

- Ensure that operation of the County's transfer station will continue to meet the planning area's needs.
- Ensure the continuance of reliable and efficient waste collection services and expand or establish service as needed.
- Develop and/or enforce reporting requirements for private haulers that do not utilize the County's transfer station to better track quantities of waste collected within planning area.
- Establish manned operation at convenience centers and explore feasibility of countywide rural curbside collection.

**Jurisdiction:** Liberty County owns the transfer station and provides residential collection via unmanned convenience centers for use by residents of the unincorporated areas and the incorporated municipalities of Allenhurst, Flemington, Gum Branch, Midway, Riceboro, and Walthourville. Curbside collection service is provided by the Cities of Hinesville and Walthourville. Private haulers are contracted for service either by a local government or the resident in some cases. Collection of recyclables is provided by the County for all residents within the planning area.

### **Disposal**

**Goal:** Ensure sufficient capacity for disposal of solid waste amounts projected over the next ten years, for no less than ten years, and maintain a contingency arrangement for interim disposal in the event primary disposal service is interrupted.

**Strategies:**

- Continue transport by an independent contractor or contractors to Broadhurst Environmental Landfill in Screven, Georgia of all solid waste to be landfill-disposed, for no less than the ten-year planning period subject to the assurance provided by Broadhurst Environmental Landfill in Screven, Georgia.

**Jurisdiction:** Broadhurst Environmental Landfill in Screven, Georgia accepts all municipal solid waste from Liberty County, including the incorporated municipalities within. Liberty County, Midway and Riceboro maintain separate contracts for collection and disposal, with Republic Waste and Broadhurst Environmental Landfill respectively.

### **Land Limitation**

**Goal:** The land limitation goal is to ensure that the development of any type of waste handling facility is done in a manner that does not compromise quality of life, public health and the environment. To achieve this, the following strategies have been identified:

**Strategies:**

- Ensure potential new facilities or facility expansions are sited and operated in a manner that is consistent with the Liberty County Joint Solid Waste Management Plan.
- Update and maintain maps with regard to the identified environmental, land use, and zoning limitations.
- Evaluate and revise local zoning ordinances to ensure desires of the community are expressly protected
- Inform and educate potential developers about the procedures to determine consistency of proposed facilities with this Solid Waste Management Plan.

**Jurisdiction:** Land limitation issues are addressed through Liberty County on behalf of the entire planning area. Amendments to this SWMP shall be undertaken if this status changes.

**Education and Public Involvement**

**Goal:** Ensure that all residents in Liberty County, the Town of Allenhurst, and the Cities of Hinesville, Walthourville, Midway, Gum Branch, Flemington and Riceboro, are provided with convenient alternatives for recycling and disposal of solid waste, and are routinely engaged by educational programs, new information and opportunities to participate in source reduction, recycling and proper waste disposal.

**Strategies:**

- Keep all information pertaining to source reduction and recycling updated and available on websites and in offices.
- Continue all ongoing outreach programs and activities described in this solid waste management plan.
- Maintain effective informational signage at all recycling and disposal facilities.
- Expand production and distribution of educational literature for the public.
- Make greater use of Liberty County's website for the purpose of education relevant to waste reduction.

**Jurisdiction:** Keep Liberty Beautiful provides education efforts and public outreach for all jurisdictions in the County. Liberty County ensures that appropriate signs are available at the drop-off convenience centers.

## **8.2 Implementation Strategy/Short Term Work Program**

This section, in Table 8-1, describes all currently existing and new programs to be implemented throughout the planning period. Programs identified in the implementation strategy include specific actions addressing the needs and goals identified in the planning elements.

The first five years of the implementation strategy serves as the Short Term Work Program. The second half of the Implementation Strategy will be updated in accordance with the planning schedule established and revised from time to time by the Department of Community Affairs. It is anticipated that a Short Term Work Program update will be due in 2012.

**Table 8-1  
Implementation Strategy  
Liberty County, the Town of Allenhurst, and the Cities of Hinesville, Walthourville, Midway, Gum Branch, Flemington and Riceboro**

Program/Activity	Years Program/Activity Takes Place													Responsible Party	Estimated Cost	Funding Source	
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019				
Waste Reduction																	
Promote financial incentives inherent to source reduction and recycling by stepping up collaborative initiatives with local and regional business.			x	x	x	x	x	x	x	x	x	x	x	x	Liberty County	Staff time	Solid Waste Enterprise Fund, recycling revenue, DCA Grant
Increase collaborative efforts with local and regional businesses to identify potential interests in cooperative arrangements to redirect recyclables toward productive uses.			x	x	x	x	x	x	x	x	x	x	x	x	Liberty County, Keep Liberty Beautiful	Staff time	Solid Waste Enterprise Fund, recycling revenue, DCA Grant
Renew collaboration with Interstate Paper on the recycling of cardboard.			x												Liberty County	Staff time	Solid Waste Enterprise Fund, recycling revenue, DCA Grant
Increase the frequency of transfer station services for collection of recyclable materials				x	x	x	x	x	x	x	x	x	x	x	Liberty County	\$ /yr	Solid Waste Enterprise Fund, recycling



Program/Activity	Years Program/Activity Takes Place											Responsible Party	Estimated Cost	Funding Source
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
requiring special handling.														revenue, DCA Grant
Continue the operation of Hinesville's mulching facility and operate the composting facility in Hinesville, scheduled to begin in late 2009.	x	x	x	x	x	x	x	x	x	x	x	x	x	Hinesville's General Fund, DCA Grant
Consider regular collection of recyclable materials requiring special handling during special days and times convenient to the public, such as one Saturday per month.				x	x	x	x	x	x	x	x	x	x	Solid Waste Enterprise Fund, recycling revenue, DCA Grant
Provide customer service by manning the existing convenience centers, coupled with advertised convenient times of operation.				x	x	x	x	x	x	x	x	x	x	Solid Waste Enterprise Fund, recycling revenue, DCA Grant
Utilize inmate labor for separation and bailing of clean cardboard.				x	x	x	x	x	x	x	x	x	x	NA
<b>Collection Element</b>														
Ensure that operation of the County's transfer station will continue to	x	x	x	x	x	x	x	x	x	x	x	x	x	Solid Waste Assessment, Enterprise
														\$64,396/yr annual program

Program/Activity	Years Program/Activity Takes Place											Responsible Party	Estimated Cost	Funding Source
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
meet the planning area's needs.													amount, improvement costs extra	Fund
Ensure the continuance of reliable and efficient waste collection services and expand or establish service as needed.	x	x	x	x	x	x	x	x	x	x	x	x	\$272,905/yr annual program amount, improvement costs extra	Solid Waste Assessment, Enterprise Fund, Grants, Contracts
Capital Replacement, System Improvements	x	x	x	x	x	x	x	x	x	x	x	x	\$4,100,000 combined for planning period	Solid Waste Enterprise Fund, Capital Replacement Fund
Establish manned operation at convenience centers and explore feasibility of countywide rural curbside collection.									x	x	x	x	N/A	Solid Waste Enterprise Fund, Solid Waste Assessment, Grants
Develop and/or enforce reporting requirements for private haulers that do not utilize the County's transfer station to better track quantities of waste collected within planning area.				x									Staff Time	Local
Ensure the continuance of reliable and efficient	x	x	x	x	x	x	x	x	x	x	x	x	\$1,500,000/yr	Fees, General

Program/Activity	Years Program/Activity Takes Place													Responsible Party	Estimated Cost	Funding Source	
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019				
waste collection services and expand or establish service as needed.															Fund		
Ensure the continuance of reliable and efficient waste collection services and expand or establish service as needed.	x	x	x	x	x	x	x	x	x	x	x	x	x	x	General fund, User fees	\$100,000/yr	
Ensure the continuance of reliable and efficient waste collection services and expand or establish service as needed.	x	x	x	x	x	x	x	x	x	x	x	x	x	x	Fees	\$45,000/yr	
Ensure the continuance of reliable and efficient waste collection services and expand or establish service as needed.	x	x	x	x	x	x	x	x	x	x	x	x	x	x	Fees	\$40,000/yr	
Ensure the continuance of reliable and efficient waste collection services and expand or establish service as needed.						x	x	x	x	x	x	x	x	x	General Fund, Grants	N/A	
Disposal Element																	
Continue transport by an independent	x	x	x	x	x	x	x	x	x	x	x	x	x	x	Liberty County,	\$/yr	Solid Waste Enterprise

Program/Activity	Years Program/Activity Takes Place												Responsible Party	Estimated Cost	Funding Source		
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018				2019	
contractor or contractors to Broadhurst Environmental Landfill in Screven, Georgia of all solid waste to be landfill-disposed, for no less than the ten-year planning period subject to the assurance provided by Broadhurst Environmental Landfill in Screven, Georgia.														Midway, Riceboro		Fund, Midway General Fund, Riceboro General Fund	
Land Limitation Element																	
Ensure potential new facilities or facility expansions are sited and operated in a manner that is consistent with the Liberty County Joint Solid Waste Management Plan.			x	x	x	x	x	x	x	x	x	x	x	x	Planning Area	Staff time	Local
Update and maintain maps with regard to the identified environmental, land use, and zoning limitations.			x	x	x	x	x	x	x	x	x	x	x	x	Planning Area, LCPC	Staff time	Local
Evaluate and revise local zoning ordinances to ensure desires of the community are expressly protected			x	x	x	x	x	x	x	x	x	x	x	x	Planning Area, LCPC	Staff time	Local

Program/Activity	Years Program/Activity Takes Place											Responsible Party	Estimated Cost	Funding Source
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
Inform and educate potential developers about the procedures to determine consistency of proposed facilities with this Solid Waste Management Plan.			x	x	x	x	x	x	x	x	x	x	x	Local
<b>Education and Public Involvement Element</b>														
Keep all information pertaining to source reduction and recycling updated and available on websites and in offices.	x	x	x	x	x	x	x	x	x	x	x	x	x	Liberty County, Keep Liberty Beautiful
Continue all ongoing outreach programs and activities described in this solid waste management plan.	x	x	x	x	x	x	x	x	x	x	x	x	x	Liberty County, Keep Liberty Beautiful
Maintain effective informational signage at all recycling and disposal facilities.	x	x	x	x	x	x	x	x	x	x	x	x	x	Liberty County, Keep Liberty Beautiful
Expand production and distribution of educational literature for the public.	x	x	x	x	x	x	x	x	x	x	x	x	x	Liberty County, Keep Liberty Beautiful

Program/Activity	Years Program/Activity Takes Place											Responsible Party	Estimated Cost	Funding Source
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
Make greater use of Liberty County's website for the purpose of education relevant to waste reduction.			x	x	x	x	x	x	x	x	x	x	x	DCA Grant Solid Waste Enterprise Fund, recycling revenue, DCA Grant

## **Section 9 Appendices**

**Appendix A: Broadhurst Landfill Capacity Assurance Letter**

**Appendix B: Public Hearing Notices**

**Appendix C: Public Hearing Agendas**

**Appendix D: Transmittal Resolutions**

**Appendix E: Adoption Resolutions**



## Appendix A: Broadhurst Landfill Capacity Assurance Letter



**Broadhurst**  
Environmental

P.O. Box 278  
Screven, GA 31560  
Phone: (912) 530-7050  
Fax: (912) 530-7070

February 25, 2009

Liberty County Solid Waste Authority  
Attn: Mr. Joseph W. Brown  
County Administrator  
P.O. Box 829  
Hinesville, Georgia 31313

Re: Landfill Capacity Assurance

Dear Mr. Brown,

This letter serves to confirm assurance of disposal capacity for waste generated by the Liberty County Solid Waste Authority for calendar year 2009 to 2019. As detailed in our contract documentation, originally dated July 25, 2003 and extended for an additional five (5) years effective January 1, 2009, the Broadhurst Environmental Landfill, EPD Permit Number 151-014D(SL) had a remaining capacity as of March 2008, as reported to the Georgia EPD, of 15.3 years at a placement rate of 2,949 cubic yards per day. Without further modification to the Broadhurst Environmental Landfill the estimated date of completion would be June 13, 2023. This assurance is based upon the Liberty County Solid Waste Authority disposing of approximately 75,000 tons of waste on an annual basis at the term of this assurance period, an increase from the current 2008 calendar year disposal rate of 41,000 tons.

It is understood that this letter of landfill capacity assurance will be used as part of the updated Liberty County Solid Waste Management Plan and in no way is to be construed as a revision or modification of our current solid waste haul and disposal contract. Further it is understood that this capacity assurance (75,000 tons) includes the disposal of waste collected and disposed of by Republic Services for the cities of Midway and Riceboro, municipalities in Liberty County.

It is a pleasure to provide solid waste partnership opportunities to Liberty County under the terms of our current contract and we hope the partnership will continue into the foreseeable future.

Sincerely,

John W. Simmons  
Division Manager  
Broadhurst Environmental Landfill

## Appendix B: Public Hearing Notices

Long advanced vote and continues v. 26. Hours a.m.-6 p.m. ed to know on still, isn't still important e determined. all people in to come out ef Registrar said. to be deter- the U.S. Sen- pits incum- ican Saxby. ant Democrat ballot is the Commission- has Republ- McDonald Jr. cent Jim Pow- ace is for non- of Appeals e, which has against Mike be at the Long

The runoff election is scheduled for Dec. 2. For information, call the registrar at 545-2234.

Your loving wife Ruth,  
children, grandchildren, sisters and brothers.

### SOLID WASTE MANAGEMENT PLAN PUBLIC HEARING NOTICE

Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro and Walthouville are preparing to update the Solid Waste Management Plan for the respective jurisdictions per the requirements of the Georgia Comprehensive Solid Waste Management Act.

A PUBLIC HEARING will be held during the County Commissioners' meeting on Tuesday, December 2, 2008, which begins at 6:00 P.M. in Room 200 of the Courthouse Annex, 112 North Main Street, Hinesville, Georgia.

The purpose of the Public hearing is to inform the public of the intent to update the Solid Waste Management plan, and to receive comments on the proposed update.

For more information contact: Dave Sapp, Director of the Liberty County Solid Waste Department at 912-884-5353 or 884-7300.

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Videos Online

Discounted Online

A Step  
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**3.75** %\*\*  
APY

18 Mth. CD • 3.68% Interest Rate

PLUS A ONE TIME BUMP UP\* option to increase rate over the life of the special, you decide when to BUMP UP!

or Choose...

**3.20** %\*\*  
APY

Fixed 8 Mth. CD  
3.15% Int. Rate

\*This is a variable rate certificate of deposit. The interest rate on the account will remain fixed for the original term unless the option to BUMP UP the rate is exercised. The BUMP UP option does not extend the maturity date. See bank for specific details.

Min. \$5,000 Deposit is Required for Both Specials!

Fax from : 9123686329

# SOLID WASTE MANAGEMENT PLAN PUBLIC HEARING NOTICE

The draft update of the Joint Solid Waste Management Plan for Liberty County, the Town of Milledgeville, and the Cities of Flemington, Gum Branch, Milledgeville, Midway, Riceboro and Walhalla is complete per the requirements of the Georgia Comprehensive Solid Waste Management Act.

A PUBLIC HEARING will be held on Thursday, March 19, 2009, during the regularly scheduled County Commissioners' meeting at 7:00 PM, held in Room 200 of the Courthouse Annex, 112 North Main Street, Hinesville, Georgia.

The purpose of the Public hearing are to present the draft update of the Joint Solid Waste Management Plan to the public, to ask for any comments on the draft update, and to request from each of the cities in Liberty County, the town of Allenhurst, and Liberty County a resolution to Transmit the draft update to the Georgia Department of Community Affairs for official review and approval. Any written comments are requested to be submitted no later than March 31, 2009.

For more information contact: Director of the Liberty County Solid Waste Department at 912-884-7300.

**You can reach Shipp at P.O. Box 2520, Kennesaw, GA 30156, e-mail, [shipp1@bellsouth.net](mailto:shipp1@bellsouth.net), or Web address: [billsipponline.com](http://billsipponline.com).**



For eight years, he could leave behind a legacy as the Great Rebuilder — the Isakson governor who came to the rescue. Isakson understands Georgia's problems and knows how to solve

to return to D.C. puzzles some. At the moment, a second-term GOP senator has a future about as bright as a used Saturn dealer's.

As far as the political eye can see, the Grand Old Party will be the minority opposition in Congress. That means Jackson's duties for the next six years will consist mostly of speeding up constituents' passport applications and smoothing out Social Security problems. Jackson will not

peanuts and peanut products decline due to the irresponsible actions of one processing business. Georgia peanuts are safe. However the legislature recognized the need to strengthen Georgia's food safety laws. To that end, we passed the Food Safety Testing, Reporting and Record Keeping Bill, which imposes

Republican leaders in the House and Senate joined together this week to announce the Jobs, Opportunity and Business Success Act of 2009.

[www.coastalcourier.com](http://www.coastalcourier.com)



**BusinessLink**  
Your Connection to Local Business

COASTAL COURIER (Hinesville, Ga.) -- SUNDAY FEBRUARY 22, 2003 -- A4.

## Appendix C: Public Hearing Agendas

### BOARD OF COMMISSIONERS LIBERTY COUNTY

JOHN D. McIVER  
CHAIRMAN  
MARION STEVENS, SR.  
DISTRICT 1  
DONALD L. LOVETTE  
DISTRICT 2  
CONNIE THRIFT  
DISTRICT 3

P.O. BOX 829  
HINESVILLE, GEORGIA 31310  
(912) 876-2164



PAT BOWEN  
DISTRICT 4  
KENNY FUSSELL  
DISTRICT 5  
EDDIE J. WALDEN  
DISTRICT 6  
JOSEPH W. BROWN  
COUNTY ADMINISTRATOR

#### AGENDA

Liberty County Board of Commissioners  
Regular Meeting  
December 2, 2008  
6:00 P.M.

1. Open Meeting
2. Certification of Compliance / Georgia Open Meetings Act
3. Prayer / Pledge of Allegiance
4. Minutes / November Meetings
5. New Business:
  - A. LCPC – Sonny Timmerman
    - (1) Monthly Report
    - (2) Sign Ordinance
    - (3) Overlay District Ordinance
    - (4) Comprehensive Plan Agenda Adoption
  - B. Proposals/ Bridge Repair – Clenton Wells
  - C. Solid Waste Management Plan Public Hearing – Kevin Vienn
  - D. Bond Resolution Financing/WAAF – David Lucas
  - E. Amendment to Intergovernmental Agreement/MidCoast – Kelly Davis
  - F. Adult Entertainment Ordinance – Kelly Davis
  - G. Uncollectible Delinquent Property Tax
  - H. Contracts for Maintenance Services
  - I. DHR Contract/ Pathways to Success
  - J. Board Appointments
    - (1) Hospital Authority
    - (2) CADD Board
7. Adjourn

**AGENDA**  
**Liberty County Board of Commissioners**  
**Mid-month Meeting**  
**March 19, 2009**  
**5:00 P.M.**

1. Open Meeting
2. Certification of Compliance/ Georgia Open Meetings Act
3. Prayer & Pledge of Allegiance
4. Items for Discussion:
  - a. Public Hearing – Solid Waste Management Plan
  - b. MOU – Southeast Georgia Regional Radio Network – Tom Wahl
  - c. Finance – Kim McGlothlin
  - d. SPLOST – Lamar Tillman
  - e. LRMS – Scott Kroell
  - f. Liberty County Humane Society/Zootoo Project – Sandra Frye
  - g. Diversity Health Center – Vicki Smith
  - h. Citizens Advisory – John Henderson
  - i. Administrative Report
    - (1) Four-wheeler Ordinance
    - (2) Barrington Ferry Intersection Improvements
    - (3) Employee Health Insurance
    - (4) Rural Sanitation Services – Diane Bynum
5. Adjourn

**AGENDA**  
**Liberty County Board of Commissioners**  
**April 7, 2009**  
**6:00 P.M.**

1. Open Meeting
2. Certification – Georgia Open Meetings Act
3. Prayer & Pledge of Allegiance
4. Minutes – March Meetings
5. New Business:
  - a. LCPC – Sonny Timmerman
    - Monthly Report
  - b. MOU/Southeast Georgia Regional Radio Network – Tom Wahl
  - c. County Engineer - Trent Long
    - Bids/Recreation Improvements
    - Rogers Pasture Road
    - Savannah Sand Mine
  - d. Intersection Improvements – Clenton Wells
  - e. Resolution/Liberty County Solid Waste Management Plan - Kevin Vienneau
  - f. Fire Authority Report – Grady Parrish
  - g. Law Enforcement Agreement/City of Riceboro – Keith Moran
  - h. ATV Ordinance – Kelly Davis
  - i. Agreement – AJC Public Defender
  - j. Proclamation – Donate Life Month
  - k. Appointment – FS/HAAF JLUS Regional Committee
  - l. Draft Policy/Employee Health Care – Bob Sprinkel
  - m. DOT Contract – MidCoast Airport
  - n. Census 2010
6. Adjourn

## Appendix D: Transmittal Resolutions

### RESOLUTION TO TRANSMIT

**WHEREAS**, The Georgia Comprehensive Solid Waste Management Act requires county and municipal governments to prepare a local solid waste management plan and periodic update; and

**WHEREAS**, Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, Georgia have completed the ten-year update to the Joint Solid Waste Management Plan for Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville; and

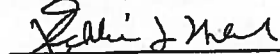
**WHEREAS**, Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, Georgia have complied with the Rules of Georgia Department of Community Affairs Minimum Planning Standards and Procedures for Solid Waste Management (Chapter 110-4-3) including public participation requirements;

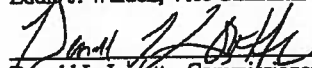
**BE IT THEREFORE RESOLVED** by the Liberty County Commissioners that the document entitled 2009 – 2019 Joint Solid Waste Management Plan for Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, may be sent to the Coastal Georgia Regional Development Center and the Georgia Department of Community Affairs for official review and approval.

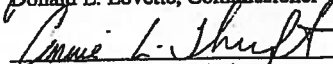
**SO BE IT RESOLVED THIS 7<sup>th</sup> DAY OF April, 2009**

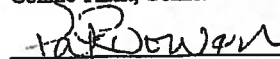
SIGNED:

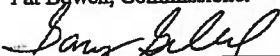
  
John McIver, Chairman

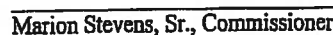
  
Eddie J. Walden, Vice Chairman

  
Donald L. Lovette, Commissioner


  
Connie Thrift, Commissioner

  
Pat Bowen, Commissioner

  
Gary Gilford, Commissioner

  
Marion Stevens, Sr., Commissioner

ATTEST:

  
Joseph W. Brown  
County Administrator



FAX FROM : 912/6180002

**RESOLUTION  
RESOLUTION TO TRANSMIT**

**WHEREAS**, The Georgia Comprehensive Solid Waste Management Act requires county and municipal governments to prepare a local solid waste management plan and periodic update; and

**WHEREAS**, Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, Georgia have completed the ten-year update to the Joint Solid Waste Management Plan for Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville; and

**WHEREAS**, Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, Georgia have complied with the Rules of Georgia Department of Community Affairs Minimum Planning Standards and Procedures for Solid Waste Management (Chapter 110-4-3) including public participation requirements;

**BE IT THEREFORE RESOLVED** by the Allenhurst Town Council that the document entitled 2009 – 2019 Joint Solid Waste Management Plan for Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, may be sent to the Coastal Georgia Regional Development Center and the Georgia Department of Community Affairs for official review and approval.

**SO BE IT RESOLVED THIS** 6<sup>th</sup> **DAY OF** April, 2009

  
Mayor Thomas Hines

**ATTEST:**

  
Mr. Jeffrey McClure, Town Clerk

FAX FROM . 912 811 3633

**RESOLUTION 2009-01**  
**RESOLUTION TO TRANSMIT**

**WHEREAS**, The Georgia Comprehensive Solid Waste Management Act requires county and municipal governments to prepare a local solid waste management plan and periodic update; and

**WHEREAS**, Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, Georgia have completed the ten-year update to the Joint Solid Waste Management Plan for Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville; and

**WHEREAS**, Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, Georgia have complied with the Rules of Georgia Department of Community Affairs Minimum Planning Standards and Procedures for Solid Waste Management (Chapter 110-4-3) including public participation requirements;

**BE IT THEREFORE RESOLVED** by the Flemington City Council that the document entitled 2009 – 2019 Joint Solid Waste Management Plan for Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, may be sent to the Coastal Georgia Regional Development Center and the Georgia Department of Community Affairs for official review and approval.

**SO BE IT RESOLVED THIS 10<sup>th</sup> DAY OF March, 2009**

  
Mayer Sandra Martin

**ATTEST:**

  
Ms. Ferni Willett, City Clerk

Fax from : 912 876 5525

**RESOLUTION TO TRANSMIT**

**WHEREAS**, The Georgia Comprehensive Solid Waste Management Act requires county and municipal governments to prepare a local solid waste management plan and periodic update; and

**WHEREAS**, Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, Georgia have completed the ten-year update to the Joint Solid Waste Management Plan for Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville; and

**WHEREAS**, Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, Georgia have complied with the Rules of Georgia Department of Community Affairs Minimum Planning Standards and Procedures for Solid Waste Management (Chapter 110-4-3) including public participation requirements;

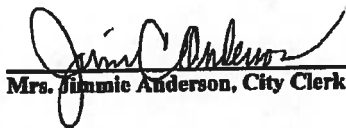
**BE IT THEREFORE RESOLVED** by the Gum Branch City Council that the document entitled 2009 – 2019 Joint Solid Waste Management Plan for Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, may be sent to the Coastal Georgia Regional Development Center and the Georgia Department of Community Affairs for official review and approval.

**SO BE IT RESOLVED THIS 13<sup>th</sup> DAY OF April, 2009**



Richard Strickland, Mayor

**ATTEST:**



Mrs. Jimmie Anderson, City Clerk

Fax from : 9123692658

**Resolution #2009-05****RESOLUTION TO TRANSMIT**

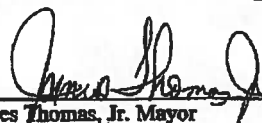
**WHEREAS**, The Georgia Comprehensive Solid Waste Management Act requires county and municipal governments to prepare a local solid waste management plan and periodic update; and

**WHEREAS**, Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, Georgia have completed the ten-year update to the Joint Solid Waste Management Plan for Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville; and

**WHEREAS**, Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, Georgia have complied with the Rules of Georgia Department of Community Affairs Minimum Planning Standards and Procedures for Solid Waste Management (Chapter 110-4-3) including public participation requirements;

**BE IT THEREFORE RESOLVED** by the Hinesville City Council that the document entitled 2009 - 2019 Joint Solid Waste Management Plan for Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, may be sent to the Coastal Georgia Regional Development Center and the Georgia Department of Community Affairs for official review and approval.

**SO BE IT RESOLVED THIS** 24 **DAY OF** April, 2009.

  
James Thomas, Jr. Mayor

**ATTEST:**

  
Sarah R. Lumpkin, City Clerk

FAX FROM • 712.607.1111

**RESOLUTION Midway**  
**RESOLUTION TO TRANSMIT**

**WHEREAS**, The Georgia Comprehensive Solid Waste Management Act requires county and municipal governments to prepare a local solid waste management plan and periodic update; and

**WHEREAS**, Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, Georgia have completed the ten-year update to the Joint Solid Waste Management Plan for Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville; and

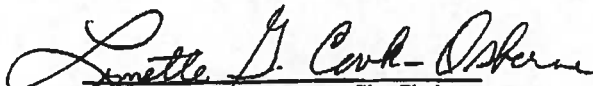
**WHEREAS**, Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, Georgia have complied with the Rules of Georgia Department of Community Affairs Minimum Planning Standards and Procedures for Solid Waste Management (Chapter 110-4-3) including public participation requirements;

**BE IT THEREFORE RESOLVED** by the Midway City Council that the document entitled 2009 – 2019 Joint Solid Waste Management Plan for Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, may be sent to the Coastal Georgia Regional Development Center and the Georgia Department of Community Affairs for official review and approval.

**SO BE IT RESOLVED THIS** 9<sup>th</sup> **DAY OF** March, 2009

  
Mayor Don R. Simmons

**ATTEST:**

  
Mrs. Lynette Cobb-Osborne, City Clerk

FAX FROM 7128042700

**RESOLUTION \_\_\_\_\_  
RESOLUTION TO TRANSMIT**

**WHEREAS**, The Georgia Comprehensive Solid Waste Management Act requires county and municipal governments to prepare a local solid waste management plan and periodic update; and

**WHEREAS**, Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, Georgia have completed the ten-year update to the Joint Solid Waste Management Plan for Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville; and

**WHEREAS**, Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, Georgia have complied with the Rules of Georgia Department of Community Affairs Minimum Planning Standards and Procedures for Solid Waste Management (Chapter 110-4-3) including public participation requirements;

**BE IT THEREFORE RESOLVED** by the Riceboro City Council that the document entitled 2009 - 2019 Joint Solid Waste Management Plan for Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, may be sent to the Coastal Georgia Regional Development Center and the Georgia Department of Community Affairs for official review and approval.

**SO BE IT RESOLVED THIS** 3rd. **DAY OF** March, 2009

  
\_\_\_\_\_  
Mayor William T. Austin

**ATTEST:**

  
\_\_\_\_\_  
Ms. Malinda McIver, City Clerk

Fax from : 9123682883

**RESOLUTION 09-03-01R**  
**RESOLUTION TO TRANSMIT**

**WHEREAS**, The Georgia Comprehensive Solid Waste Management Act requires county and municipal governments to prepare a local solid waste management plan and periodic update; and

**WHEREAS**, Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, Georgia have completed the ten-year update to the Joint Solid Waste Management Plan for Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville; and

**WHEREAS**, Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, Georgia have complied with the Rules of Georgia Department of Community Affairs Minimum Planning Standards and Procedures for Solid Waste Management (Chapter 110-4-3) including public participation requirements;

**BE IT THEREFORE RESOLVED** by the Walthourville City Council that the document entitled 2009 - 2019 Joint Solid Waste Management Plan for Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, may be sent to the Coastal Georgia Regional Development Center and the Georgia Department of Community Affairs for official review and approval.

**SO BE IT RESOLVED THIS** 26<sup>th</sup> **DAY OF** March, 2009

  
Mayor Daisy Pray

**ATTEST:**

  
Ms. Juanita Johnson, City Clerk



## Appendix E: Adoption Resolutions

### STATE OF GEORGIA COUNTY OF LIBERTY

#### RESOLUTION OF THE LIBERTY COUNTY BOARD OF COMMISSIONERS TO ADOPT SOLID WASTE MANAGEMENT PLAN UPDATE

WHEREAS, The Georgia Comprehensive Solid Waste Management Act of 1990 enacted by the Georgia General Assembly mandated that each of Georgia's counties and municipal governments prepare a Solid Waste Management Plan every ten years, and update the Solid Waste Management Short Term Work Program every five years; and

WHEREAS, Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, Georgia have completed a Joint Solid Waste Management Plan for the 2007 - 2019 planning period; and

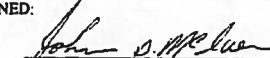
WHEREAS, Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, Georgia have complied with the Rules of Georgia Department of Community Affairs Minimum Planning Standards and Procedures for Solid Waste Management (Chapter 110-4-3 of the Georgia Administrative Code) including public participation requirements, and

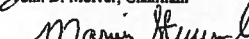
WHEREAS, the Coastal Georgia Regional Development Center and the Georgia Department of Community Affairs (DCA) have reviewed the Plan, and DCA has given final approval of the Plan,

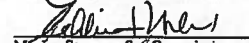
BE IT THEREFORE RESOLVED, by the Liberty County Board of Commissioners that the document entitled 2007-2019 Joint Solid Waste Management Plan for Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, which includes the updated Short Term Work Program, is hereby adopted by the Liberty County Board of Commissioners.

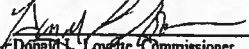
RESOLUTION APPROVED AND ADOPTED this 7th DAY OF July, 2009.

SIGNED:

  
John D. Melver, Chairman

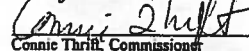
  
Eddie J. Walden, Vice Chairman

  
Marion Stevens, Sr., Commissioner

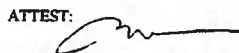
  
Donald L. Lovette, Commissioner

  
Pat Bowen, Commissioner

  
Gary Giffard, Commissioner

  
Connie Thrift, Commissioner

ATTEST:

  
Joseph W. Brown  
County Administrator

**RESOLUTION TO ADOPT**

**WHEREAS**, The Georgia Comprehensive Solid Waste Management Act of 1990 enacted by the Georgia General Assembly mandated that each of Georgia's counties and municipal governments prepare a Solid Waste Management Plan every ten years, and update the Solid Waste Management Short Term Work Program every five years; and

**WHEREAS**, Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, Georgia have completed a Joint Solid Waste Management Plan for the 2007 - 2019 planning period; and

**WHEREAS**, Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, Georgia have complied with the Rules of the Georgia Department of Community Affairs Minimum Planning Standards and Procedures for Solid Waste Management (Chapter 110-4-3 of the Georgia Administrative Code) including public participation requirements; and

**WHEREAS**, the Coastal Georgia Regional Development Center and the Georgia Department of Community Affairs (DCA) have reviewed the Plan, and DCA has given final approval of the Plan;

**BE IT THEREFORE RESOLVED** by the Town of Allenhurst that the document entitled 2007-2019 Joint Solid Waste Management Plan for Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, which includes the updated Short Term Work Program, is hereby adopted by the Town of Allenhurst.

**RESOLUTION APPROVED AND ADOPTED** this 5th day of APRIL, 2010.

Thomas A. Henia  
Mayor

**ATTEST:**

Jeffrey M. Chen  
Witness

Resolution 2009-03

**RESOLUTION TO ADOPT**

**WHEREAS**, The Georgia Comprehensive Solid Waste Management Act of 1990 enacted by the Georgia General Assembly mandated that each of Georgia's counties and municipal governments prepare a Solid Waste Management Plan every ten years, and update the Solid Waste Management Short Term Work Program every five years; and

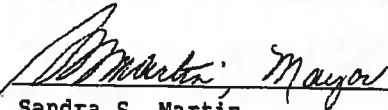
**WHEREAS**, Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, Georgia have completed a Joint Solid Waste Management Plan for the 2007 – 2019 planning period; and

**WHEREAS**, Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, Georgia have complied with the Rules of the Georgia Department of Community Affairs Minimum Planning Standards and Procedures for Solid Waste Management (Chapter 110-4-3 of the Georgia Administrative Code) including public participation requirements; and

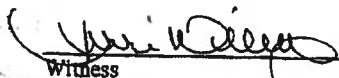
**WHEREAS**, the Coastal Georgia Regional Development Center and the Georgia Department of Community Affairs (DCA) have reviewed the Plan, and DCA has given final approval of the Plan;

**BE IT THEREFORE RESOLVED** by the City of Flemington that the document entitled 2007–2019 Joint Solid Waste Management Plan for Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, which includes the updated Short Term Work Program, is hereby adopted by the City of Flemington.

**RESOLUTION APPROVED AND ADOPTED** this 13<sup>th</sup> day of July, 2009.

  
Sandra S. Martin  
Mayor

**ATTEST:**

  
Witness  
Terri Willett  
City Clerk

**RESOLUTION TO ADOPT**

**WHEREAS**, The Georgia Comprehensive Solid Waste Management Act of 1990 enacted by the Georgia General Assembly mandated that each of Georgia's counties and municipal governments prepare a Solid Waste Management Plan every ten years, and update the Solid Waste Management Short Term Work Program every five years; and

**WHEREAS**, Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, Georgia have completed a Joint Solid Waste Management Plan for the 2007 – 2019 planning period; and

**WHEREAS**, Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, Georgia have complied with the Rules of the Georgia Department of Community Affairs Minimum Planning Standards and Procedures for Solid Waste Management (Chapter 110-4-3 of the Georgia Administrative Code) including public participation requirements; and

**WHEREAS**, the Coastal Georgia Regional Development Center and the Georgia Department of Community Affairs (DCA) have reviewed the Plan, and DCA has given final approval of the Plan;

**BE IT THEREFORE RESOLVED** by the City of Gum Branch Mayor and Council that the document entitled 2007-2019 Joint Solid Waste Management Plan for Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, which includes the updated Short Term Work Program, is hereby adopted by the City of Gum Branch, Georgia.

**RESOLUTION APPROVED AND ADOPTED** this 20<sup>th</sup> day of July, 2009.

  
Richard G. Strickland, Mayor

**ATTEST:**

  
Evelyn A. Strickland, City Clerk

## Resolution No. 2009-42

## A RESOLUTION

TO ADOPT THE 2007-2019 JOINT SOLID WASTE MANAGEMENT PLAN (SWMP) FOR LIBERTY COUNTY, THE TOWN OF ALLENHURST, AND THE CITY OF FLEMINGTON, CITY OF HINESVILLE, CITY OF GUM BRANCH, CITY OF MIDWAY, CITY OF RICEBORO AND CITY OF WALTHOURVILLE, GEORGIA

**WHEREAS**, The Georgia Comprehensive Solid Waste Management Act of 1990 enacted by the Georgia General Assembly mandated that each of Georgia's counties and municipal governments prepare a Solid Waste Management Plan every ten years, and update the Solid Waste Management Short Term Work Program every five years; and

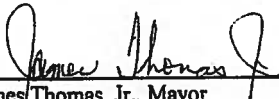
**WHEREAS**, Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, Georgia have completed a Joint Solid Waste Management Plan for the 2007 – 2019 planning period; and

**WHEREAS**, Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, Georgia have complied with the Rules of the Georgia Department of Community Affairs Minimum Planning Standards and Procedures for Solid Waste Management (Chapter 110-4-3 of the Georgia Administrative Code) including public participation requirements; and

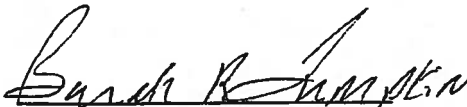
**WHEREAS**, the Coastal Georgia Regional Development Center and the Georgia Department of Community Affairs (DCA) have reviewed the Plan, and DCA has given final approval of the Plan;

**BE IT THEREFORE RESOLVED** by the City of Hinesville that the document entitled 2007-2019 Joint Solid Waste Management Plan for Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, which includes the updated Short Term Work Program, is hereby adopted by the City of Hinesville.

**RESOLUTION APPROVED AND ADOPTED** this 5th day of November, 2009.

  
James Thomas, Jr., Mayor

**ATTEST:**

  
Sarah R. Lumpkin, City Clerk

**RESOLUTION TO ADOPT**

**WHEREAS**, The Georgia Comprehensive Solid Waste Management Act of 1990 enacted by the Georgia General Assembly mandated that each of Georgia's counties and municipal governments prepare a Solid Waste Management Plan every ten years, and update the Solid Waste Management Short Term Work Program every five years; and

**WHEREAS**, Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, Georgia have completed a Joint Solid Waste Management Plan for the 2007 – 2019 planning period; and

**WHEREAS**, Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, Georgia have complied with the Rules of the Georgia Department of Community Affairs Minimum Planning Standards and Procedures for Solid Waste Management (Chapter 110-4-3 of the Georgia Administrative Code) including public participation requirements; and

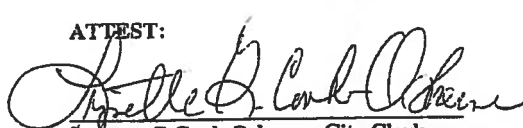
**WHEREAS**, the Coastal Georgia Regional Development Center and the Georgia Department of Community Affairs (DCA) have reviewed the Plan, and DCA has given final approval of the Plan;

**BE IT THEREFORE RESOLVED** by the <sup>*Midway City Council*</sup> ~~[Insert Name of County/City Governing Body]~~ that the document entitled 2007–2019 Joint Solid Waste Management Plan for Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, which includes the updated Short Term Work Program, is hereby adopted by the Midway City Council.

**RESOLUTION APPROVED AND ADOPTED** this 14<sup>th</sup> day of Dec., 2009.

  
Don R. Emmons, Mayor

ATTEST:

  
Lynette G Cook-Osborne, City Clerk

**RESOLUTION TO ADOPT**

**WHEREAS**, The Georgia Comprehensive Solid Waste Management Act of 1990 enacted by the Georgia General Assembly mandated that each of Georgia's counties and municipal governments prepare a Solid Waste Management Plan every ten years, and update the Solid Waste Management Short Term Work Program every five years; and

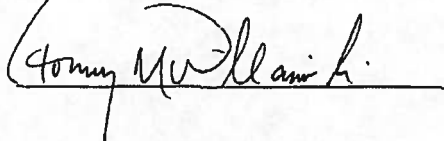
**WHEREAS**, Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, Georgia have completed a Joint Solid Waste Management Plan for the 2007 - 2019 planning period; and

**WHEREAS**, Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, Georgia have complied with the Rules of the Georgia Department of Community Affairs Minimum Planning Standards and Procedures for Solid Waste Management (Chapter 110-4-3 of the Georgia Administrative Code) including public participation requirements; and

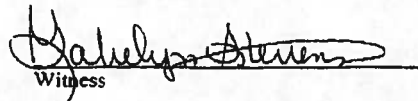
**WHEREAS**, the Coastal Georgia Regional Development Center and the Georgia Department of Community Affairs (DCA) have reviewed the Plan, and DCA has given final approval of the Plan;

**BE IT THEREFORE RESOLVED** by the City of Riceboro that the document entitled 2007-2019 Joint Solid Waste Management Plan for Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, which includes the updated Short Term Work Program, is hereby adopted by the City of Riceboro.

**RESOLUTION APPROVED AND ADOPTED** this 7<sup>th</sup> day of July, 2009.



ATTEST: Maecia S. Miller

  
Witness

R10	YR	NO
R	09	037



**RESOLUTION TO ADOPT**

**WHEREAS**, The Georgia Comprehensive Solid Waste Management Act of 1990 enacted by the Georgia General Assembly mandated that each of Georgia's counties and municipal governments prepare a Solid Waste Management Plan every ten years, and update the Solid Waste Management Short Term Work Program every five years; and

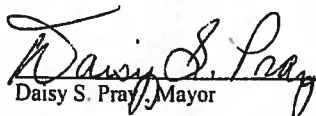
**WHEREAS**, Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, Georgia have completed a Joint Solid Waste Management Plan for the 2007 – 2019 planning period; and

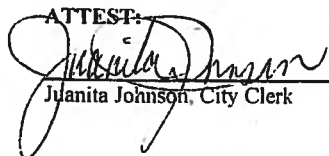
**WHEREAS**, Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, Georgia have complied with the Rules of the Georgia Department of Community Affairs Minimum Planning Standards and Procedures for Solid Waste Management (Chapter 110-4-3 of the Georgia Administrative Code) including public participation requirements; and

**WHEREAS**, the Coastal Georgia Regional Development Center and the Georgia Department of Community Affairs (DCA) have reviewed the Plan, and DCA has given final approval of the Plan;

**BE IT THEREFORE RESOLVED** by the City of Walthourville Governing Body that the document entitled 2007–2019 Joint Solid Waste Management Plan for Liberty County, the Town of Allenhurst, and the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro, and Walthourville, which includes the updated Short Term Work Program, is hereby adopted by the City of Walthourville Governing Body.

**RESOLUTION APPROVED AND ADOPTED** this 10th day of December, 2009.

  
Daisy S. Pray, Mayor

**ATTEST:**  
  
Juanita Johnson, City Clerk

June 3, 2009

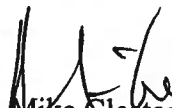
Mr. Allen Burns, Executive Director,  
Coastal Georgia Regional Development Center  
127 F Street  
Brunswick, Georgia 31521

Dear Allen:

Our staff has reviewed the revised information for the 2007 – 2017 Solid Waste Management Plan for Liberty County, the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro and Walthourville and the Town of Allenhurst. The revisions have brought the Solid Waste Management Plan into compliance with the Minimum Planning Standards and Procedures for Solid Waste Management. To maintain eligibility for solid waste permits, grants, and loans, Liberty County, the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro and Walthourville and the Town of Allenhurst must adopt the 2007 – 2017 Solid Waste Management Plan as soon as possible.

In order to complete the planning cycle, please forward a copy of the adoption resolutions along with a copy of the adopted Solid Waste Management Plan to our office. Once we receive these documents, we will send notification to Liberty County, the Cities of Flemington, Gum Branch, Hinesville, Midway, Riceboro and Walthourville and the Town of Allenhurst of their eligibility for solid waste grants, loans, and permits.

Sincerely,



Mike Gleanon, Assistant Commissioner  
Planning and Environmental Management Division

MG/jk